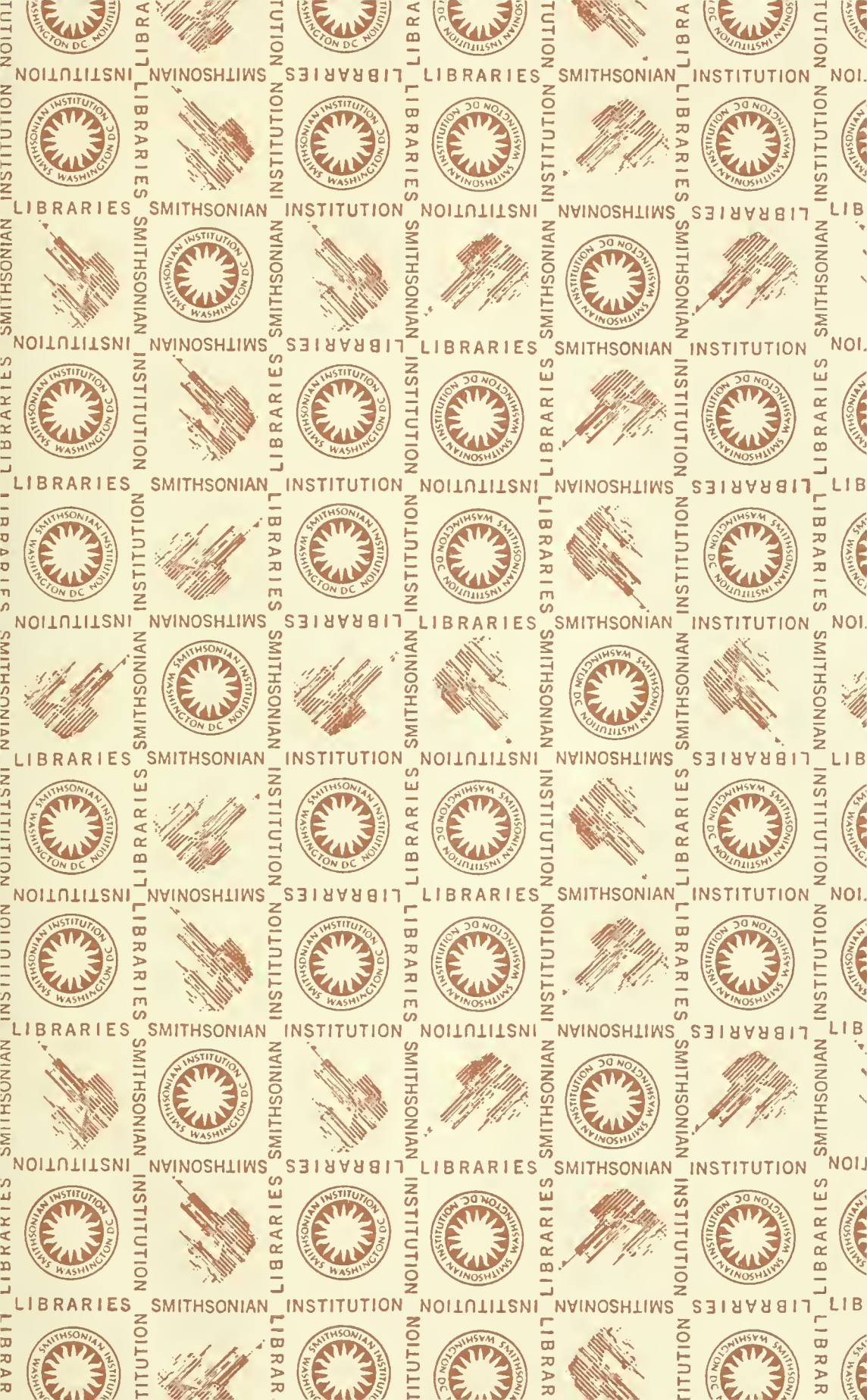


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FOURTH
SUPPLEMENT
1933 to 1938 (inclusive)

to

THE LENG CATALOGUE

of

COLEOPTERA

of

AMERICA, NORTH OF MEXICO

By

RICHARD E. BLACKWELDER

Assistant Curator

in charge of

Coleoptera

AMERICAN MUSEUM OF NATURAL HISTORY

Mount Vernon, N. Y.
JOHN D. SHERMAN, JR.

December

1939

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FOURTH
SUPPLEMENT
1933 to 1938 (inclusive)

to

THE LENG CATALOGUE

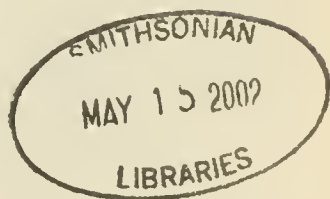
of

COLEOPTERA

of

AMERICA, NORTH OF MEXICO/

By
RICHARD E. BLACKWELDER
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Mount Vernon, N. Y.
JOHN D. SHERMAN, JR.
December
1939

L. L. BUCHANAN

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INTRODUCTION

This fourth supplement to Mr. Leng's catalog of North American Coleoptera is offered by the compiler and by the publisher with the hope that it may help to alleviate a condition which has led to a widespread desire for a complete new catalog. Since there appears to be little chance of financing such a new catalog in the near future, it has been thought worth while to prepare another supplement which would fill some of the more obvious needs.

It is probable that a great many entomologists have no conception of the amount of work involved in the preparation of a bibliographic catalog for publication. The writer, when he undertook the present task, anticipated at most a two or three month job. Work was started about the first of March and has occupied most of the compiler's time continuously till the middle of October. It is doubtful if the work could have been undertaken if it had been known that it would involve such an outlay in time and study.

Although this supplement includes many changes in make-up from that followed in the previous supplements (as will be explained below), it has been the endeavor of the compiler to make it as useful as possible in connection with the original catalog and the other supplements. Although Mr. Leng has not had an active part in this work, all proposed changes in procedure have been examined by him and do, I believe, have his complete approval.

In my opinion it is due principally to the excellence of the original catalog that it is possible to issue supplements which can give any satisfaction. Few coleopterists have contributed so largely to the work of all their colleagues as Mr. Leng, and few large works have been so completely constructive in their nature or so universally indispensable as the "Leng Catalog".

It would seem to be axiomatic that the fourth of a series of supplements should conform in procedure and treatment with the previous parts. In spite of this a glance at the present work will suffice to show that it departs widely from the other supplements. The reasons for these changes are outlined below.

The primary cause of changes in make-up of the supplement was the desire to save space. The complete division of the page into

two columns and the omission of numbers have together increased the space available by twenty to thirty percent. The first of these changes will scarcely be noticed by users of the catalog. The second may meet with disapproval of some, but in its defense may be mentioned the substantial amount of space saved which has been used for the inclusion of revisionary studies.

The second important departure from the previous supplements is in the matter of authorities for new synonyms, records, and other changes. It has been felt that a summary of the compiler's opinions on the status of species and classifications (such as the original catalog properly included to some extent) was of less interest in the supplement than an accurate reporting of what has been published during the last six years and who published it. Accordingly nearly every new proposal is accompanied by a citation to the author of that proposal.

It has been the aim of the compiler to include all new species described up to January, 1939, all synonymy proposed up to the time the manuscript was completed (about September 1, 1939), all new records for North America with synonyms, all contributions to the classification of beetles, and all revisionary studies, whether of families, genera, or groups of species.

Bibliographic references are made as in the catalog by giving the author, date, and page. An indication of distribution is given. Italics have been used always for synonyms, and generic synonyms are in addition placed in parenthesis. Names which were proposed for categories less than species are preceded by a letter denoting the category assigned to them by the writer quoted. These are arranged in indented form to emphasize their status lower than species.

For the first time subgenera are definitely indicated as such. These names are strongly indented and are printed in Roman capitals. Space considerations prevented the insertion of the word subgenus or an abbreviation in these cases, but once the system of type faces is understood, there should be no difficulty. Bold-face is used always for genera, italics for synonyms, and capitals for subgenera. (In the Carabidae only there have recently been proposed some names for "sections" within certain subgenera. These have been printed in small capitals and still more indented than the subgenera.)

Two uses are made of the asterisk (*). Wherever there has been recently published a presumably complete revision of a genus, an asterisk is placed at the left hand margin immediately below the generic name. Any other items which were not included in the revision are separated from the latter by a row of three as-

terisks. Thus the three asterisks always denote the end of a revision or of a subgenus, or of a special rearrangement of genera as mentioned in a footnote.

One of the characteristics of human endeavor is the occasional mistake that is almost inevitably to be found. The most concentrated effort will not prevent a few errors from marring any work. These are generally taken for granted and are scarcely noticed unless they are present in unusual numbers. While examining the sources of the present compilation, the writer was forced to the conclusion that an entirely disproportionate number of the errors in our taxonomic papers on beetles has been made by a relatively small number of workers. For the most part these are errors due to carelessness or indifference, and they usually result from failure to ascertain all the facts or from one's being in too great a hurry to get papers published. A few of these are mentioned in footnotes in the text. Among the more common and very unfortunate errors may be mentioned the following: The renaming of preoccupied genera and species for which there was already one or more available names; failure to give the author of a homonym an opportunity to rename it; changing the name of a genus or species because of page precedence; citing a synonym in parenthesis between the generic and specific names, as *Mylabris* (*Bruchus*) *atomus*, where *Bruchus* is not used as a subgenus; failure to follow the Rules strictly in the matter of accepting or correcting the original spelling of names; and extreme carelessness in giving references to older species and in the spelling of the names themselves.

Most of these errors have been copied into the supplement without specific comment, but attention is directed to some by footnotes. In most cases in which there have been changes made by the compiler, this fact is indicated. But in general responsibility and authority for all items are placed directly back on the entomologist who published them. An exception to this statement must be noted in the matter of the bibliographic references. Many of these have been corrected by independent study, and wherever there was a discrepancy the original catalog has been followed (unless ample reasons have been published for the change).

Many of the entomologists whose recent work is included in this supplement were kind enough to check the preliminary lists of their publications. One hundred and one such lists were sent out, and about 85 were returned with the necessary additions or corrections. Many important oversights were thus corrected, and many new items were contributed by these workers from their own studies. Grateful acknowledgment is made to all these friends.

SIGNS AND ABBREVIATIONS

* indicates a revision of the genus (or other group).

*** indicates the end of a revision or of a subgenus.

[before locality indicates that it applies to line above.

a. aberration.

n. natio, used by Breuning as a category between subspecies and aberration.

s. subspecies.

v. variety.

FOURTH SUPPLEMENT TO CATALOGUE OF COLEOPTERA OF AMERICA, NORTH OF MEXICO

ADDITIONS AND CORRECTIONS TO DECEMBER 31, 1938

CICINDELIDÆ

Omus

- humeroplanatus W. Horn 10-263
Loc. should be Del Norte Co., Cal.¹
submetallicus G.Horn 68-129
s.niger Cazier 37-94 Cal.

Megacephala Latr. 02-79

- TETRACHA Hope 38-6²
affinis Dej. 25-12
s.angustata Chevr. 41-55 C.A. Tex.²
virginica Linn. 66-657
v.melæna Cartw. 35-70 S.C. Va.

Cicindela

- purpurea Oliv. 90-14 E.U.S.-Sierras
marginalis Fabr. 01-240³
spreta Lec. 57-37 (not Lec. 1848)³
s.auduboni Lec. 45-207 (in part)³
Ill.-Ut.-Alb.-Minn.
graminea Schp. 83-89 (in part)³
v.lauta Csy. 97-296³ Ore. Cal.
franciscana Csy. 13-23³
graminea Schp. 83-89 (in part)³
v.mirabilis Csy. 14-358^{3 4}
v.nigerrima Leng 18-139³
Mass.-N.M.-Mont.
auduboni Lec. 45-207 (in part)³
cimarrona Lec. 68-49¹
N.M. Colo. Ariz. Ut.
v.sedalia Smyth 33-201^{3 4} Colo. (Ore.)

- limbalis Klug 34-39³ Mass.-Ky.-Kan.-
amoena Lec. 48-177³ [Alb.
splendida || Lec. 57-36¹
militaris Varas 28-242³
s.limbalis (s.str.)³
v.spreta Lec. 48-177³
v.transversa Leng 02-131³
Kan. Mo. D.C. N.J.
s.awemeana Csy. 13-23³ Man.
v.eldorensis Csy. 13-23³ Ore.
s.auguralis Csy. 13-21³ Colo. N.M.
inducta Csy. 13-22³
ardelio Csy. 13-21³
splendida Hentz 30-254^{3 4} N.C.-Ark.-
discus Klug 34-23³ [Colo.-Neb.
s.splendida (s.str.)
v.cyanocephala Varas 29-239³
Neb. Kan.
amoena of Harris 11-8³
s.denverensis Csy. 97-297³ Colo. Neb.
graminea of Csy. 13-21³ [Kan.
v.conquisita Csy. 14-357^{3 4} Neb.Colo.
oreada Csy. 14-358^{3 4}
plattensis Smyth 33-202^{3 4}
v.pugetana Csy. 14-20³
B.C.-Wash.-Mont.-Wyo.
v.propinqua Knaus 22-194³ Nev.Cal.
arida A. C. Davis 28-65³
v.ludoviciana Leng 02-131³ Ark. La.
decemnotata Say 17-19³ Alas.-Cal.-
lantzi Harris 13-68³ [Alb.-Kan.
albertina Csy. 13-24³
• • •
plutonica Csy. 97-296
s.leachi Cazier 36-124 Cal.
senilis Horn 66-395 Cal.
exoleta Csy. 09-272³
frosti Varas 27-174³

¹ Nunenmacher in litt.

² Darlington—35.

³ Nicolay in litt.

⁴ Nicolay—34.

⁵ Cazier—37.

willistoni Lec. 79-507 Wyo.
 s.echo Csy. 97-298⁵ Ut. Cal. Nev.
 amadensis Csy. 09-272⁵
 s.pseudosenilis W. Horn 00-117⁶ Cal. Nev.
 s.spaldingi Csy. 24-14⁵ Ut.
 fulgida Say 23-141 Neb.-N.M.-Wyo.
 wallisi Calder 22-191⁵
 azurea Calder 22-62⁵
 s.westbournei Calder 22-62⁵ Man.
 elegans Calder 22-62⁵
 v.subnitens Calder 22-62⁵ Neb.
 s.pseudo-willistoni W.Horn 38-13⁶ Wy.
 parowana Wickh. 05-165 Ut. Wash.
 remittens Csy. 24-14⁵
 platti Cazier 37-161^{3,7} Cal.
 sexguttata Fabr. 75-226
 s.denikei Brown 34-22 Ont.
 politula Lec. 75-159
 s.lætipennis W.Horn 14-32⁸ Mex. Tex.
 viridisticta Bates 81-14
 s.arizonensis Bates 84-260⁹ Ariz. Mex.
 cursitans Lec. 57-60
 alata Lilj. 32-215⁹
 pusilla Say 17-21
 s.lunalonga Schp. 83-122⁵
 v.wagneri Cazier 37-117⁵ Cal.
 californica Men. 44-52
 s.mojavi Cazier 37-116 Cal.

CARABIDÆ

Trachypachus Mots. 45-86
 (Trachypachys G. & H. 68-46)¹⁰
 (Trachypachis Lac. 54-47)¹⁰
 zetterstedti (Gyll.) 27-417 Holarctic
 transversicollis Mots. 44-86¹⁰
 laticollis Mots. 64-194¹⁰
 inermis Mots. 64-194^{10,11}
 holmbergi Mannh. 53-119¹⁰
 oregonus Csy. 20-145¹⁰
 specularis Csy. 20-146¹⁰

* * *

CYCHRINI¹²

Scaphinotus Latr. 22-87³
 IRICHTROA Newm. 38-385
 (Megaliridia Csy. 20-175)¹³
 andrewsili Harris 39-195
 s.andrewsili Harr (s.str.)¹² N.C. Tenn.
 s.æneicollis Beut. 03-513¹² N.C. Tenn.
 purpurata Beut. 18-89¹²
 v.tricarinata Csy. 14-25¹²
 s.violacea Lec. 63-4¹² Ga. N.C.
 amplicollis Csy. 20-174¹²
 s.germari Chd. 61-495¹² Pa. Va. Tenn.
 mutabilis Csy. 20-173¹²
 longicollis Csy. 20-173¹²
 modulata Csy. 20-174¹²

guyoti Lec. 66-363 N.C.
 v.angelli Beut. 18-89¹²
 ridingsi Bland. 63-353
 s.ridingsi (s.str.)¹² Va. D.C.
 s.monongahelæ Leng. 17-36¹² Pa. Ten.
 tenuiceps Csy. 20-173¹²
 vidua Dej. 26-12
 s.leonardi Harris 39-193¹² N.Allegh.
 s.vidua (s.str.)¹² Allegh.
 unicolor Knoch 01-187¹²
 s.irregularis Beut. 03-513¹² N.C.
 SCAPHINOTUS (s.str.)¹²
 snowi Lec. 81-74 N.M.
 rœschkei VanD. 07-118 Ariz.
 fuchsi Rœsch. 07-570 Ariz.
 vandykei Rœsch. 07-136 Ariz.
 corvus Fall 10-89 Ariz.
 petersi Rœsch. 07-118 Ariz.
 mexicanus Bates 82-320 Ariz. Mex.
 kelloggi Dury 12-104 N.M.
 biedermanni Rœsch. 07-571 Ariz.
 elevatus Fabr. 87-198
 s.elevatus (s.str.)¹² E.U.S.
 s.tenebricosus Rœsch. 07-119¹² E.U.S.
 unicolor Lec. 53-398¹²
 heros Lec. 48-440¹²
 s.flammeus Hald. 44-54¹² S.U.S.
 dilatatus Lec. 53-398¹² [C.U.S.
 s.floridanus Leng 15-564¹² Fla.
 coloradensis VanD. 07-141 Colo.
 unicolor Fabr. 87-198
 s.unicolor (s.str.)¹² C.U.S.
 s.heros Harris 39-196¹² O. Ind.
 s.shoemakeri Leng 14-143¹² D.C.

Brennus Mots. 65-311¹²

* BRENNUS (s.str.)

cordatus Lec. 53-399 Cal.
 v.vernicatus Csy. 20-183¹²
 v.rufitarsis Csy. 20-184¹²
 marginatus Fisch. 22-79
 s.marginatus (s.str.)¹²
 Alas. B.C. Wash.
 v.gracilis Gehin 35-76¹²
 v.insularis Csy. 97-334¹²
 v.cupripennis Csy. 97-334¹²
 v.confusus Csy. 97-336¹²
 v.wrangeli Csy. 20-182¹²
 s.fulleri Horn 78-178¹² Ore.
 v.fallax Rœsch. 07-174¹²
 v.montanicus Csy. 20-182¹²
 s.columbianus Csy. 20-180¹² B.C.
 s.oregonus Csy. 20-182¹² Ore.
 interruptus Men. 44-54
 s.interruptus (s.str.)¹² Cal.
 sinuatus Csy. 97-330¹²
 s.compositus Csy. 97-332¹² Cal.
 s.constrictus Lec. 53-398¹² Cal.
 interruptus Lec. 68-60¹¹
 dissolutus Csy. 97-329¹²
 corpulentus Csy. 97-331¹²
 parvicolle Csy. 20-176¹²
 s.dissolutus Schaum 63-72¹² Cal.
 porcatus Csy. 97-328¹²
 s.politus Csy. 97-330¹² Cal.
 s.montereyensis Csy. 20-177¹² Cal.
 s.procerus Csy. 20-179¹² Cal.

³ Nicolay in litt.⁵ Cazier—37.⁶ W. Horn—38.⁷ Cited as subspecies by Cazier—37.⁸ Benedict—34.⁹ W. Horn—35.¹⁰ Hatch—33.¹¹ Listed as valid by Csiki & Hetschko—33.¹² Revision of tribe, Vacher de Lapouge—32. Alternate arrangement of certain genera by Van Dyke and Valentine below.

- beringi Csy. 20-170 Alaska
 obliquus Lec. 68-51 Cal.
 convergens Csy. 97-326¹²
 opacicolis Csy. 97-326¹²
 sculptipennis Csy. 97-327¹²
 oreophilus Rivers 90-111 Cal.
 v.hoppingi Roesch. 07-183¹²
 v.riversi Roesch. 07-183¹²
 v.humeralis Csy. 14-30¹²
 ventricosus Dej. 31-527
 s.ventricosus (s.str.)¹² Cal.
 striatopunctatus Lec. 53-398¹²
 s.lativentris Mots. 50-358¹²
 strictus Csy. 97-321¹²
 ventricosus of Csy. 97-321¹²
 v.fuchsianus Rivers 90-71¹²
 s.crenatus Mots. 59-161¹² Cal.
 gentilis Csy. 97-322¹²
 v.striatus Lec. 59-69¹² Cal.
 productus Csy. 14-29¹²
 striatopunctatus Chd. 44-476 Cal.
 subdepressus Csy. 20-177¹²
 v.decipiens Csy. 97-316¹²
 v.alternatus Mots. 59-162¹²
 striatopunctatus of Csy. 97-314¹²
 ovalis of Csy. 97-315¹²
 v.ovalis Mots. 59-162¹²
 subtilis Schaum 63-78 Cal.
 punctatus Lec. 59-69
 s.punctatus (s.str.)¹² Cal.
 gravidus Csy. 97-317¹²
 s.catenulatus Csy. 97-324¹² Cal.
 s.mimus Horn 78-182¹² Cal.
 rugiceps Horn 72-143
 s.rugiceps (s.str.)¹² Ore.
 s.incipiens Csy. 97-313¹²
 s.congener Csy. 14-28¹²
 cristatus Harris 39-200
 s.cristatus (s.str.)¹² Ore. Cal.
 s.reticulatus Mots. 50-90¹² Cal.
 cristatus of Lec. 68-60¹²
 duplicatus Csy. 97-312¹²
 basalis Csy. 97-311¹²
 PEMPHUS Mots. 65-312¹²
 angusticollis Fisch. 24-42
 s.nigripennis Roesch. 07-167¹² Alas.
 velutinus Lec. 68-60 (part)¹² [B.C.
 s.angusticollis (s.str.)¹² Alas. B.C.
 debilis Dej. 31-526¹²
 s.longipes Csy. 97-339¹² Cal.
 s.velutinus Men. 44-53¹² Cal.
 opacus Csy. 99-97¹²
 NEOCYCHRUS Roesch. 07-198¹²
 angulatus Harris 39-200 B.C.-Ore.
 behrensi Roesch. 07-124 Cal.
 Cychrus Fabr. 94-440¹²
 * hemphillii Horn 78-184
 s.rickseckeri Lec. 84-2¹² Mont. Ida.
 s.hemphillii (s.str.)¹² Ut. Wyo.
 tuberculatus Harris 39-200 Alas.-Cal.
 pustulosus Csy. 05-160¹²
 Sphæroderus Dej. 26-24¹²
 * canadensis Chd. 61-498 Can.-Car.
 palpalis Mots. 65-312¹¹
 v.blanchardi Leng 16-41¹²
 stenostomus Weber 01-43
 s.stenostomus (s.str.)¹² Va. Pa. Ind.
 indianæ Blatch. 10-42¹²
 s.lecontei Dej. 26-15¹² Can. N.Eng.
 stenostomus of Say 25-72¹²
 niagarensis Cast. 32-390¹²
 diffRACTUS Csy. 14-25¹²
 s.bicarinatus Lec. 53-399¹² Allegh.
 nitidicollis Chev. 29-24
 s.brevoorti Lec. 48-443¹² Can. L.Sup.
 granulosus Chd. 61-497¹²
 s.nitidicollis (s.str.)¹² New World
 s.schaumi Chd. 61-499¹² Ohio
 nitidicollis of Lec. 48-443¹²
 * * *
 Scaphinotus Dej. 26-17
 * SCAPHINOTUS (s.str.)^{13 14}
 snowi Lec. 81-74 N.M. Colo. Ut. Ariz.
 v.parkeri VanD. 38-101¹⁴ Ariz.
 rœschkei VanD. 07-135 Ariz.
 kelloggi Dury 12-104 N.M.
 vandykei Roesch. 07-136 Ariz.
 v.fuchsi Roesch. 07-570¹⁴ Ariz.
 grahami VanD. 38-107 Ariz.
 petersi Roesch. 07-137 Ariz.
 v.catalinæ VanD. 38-110¹⁴ Ariz.
 biedermanni Roesch. 07-571 Ariz.
 mexicanus Bates 82-320 Mex. Ariz.
 corvus Fall 10-89 Ariz.
 elevatus Fabr. 87-198
 Fla.-N.Y.-Alb.-N.M.
 s.elevatus (s.str.)¹⁴ N.Y.-N.C.-Kan.
 s.flammeus Hald. 45-54¹⁴ O.-Ark.-Ia.
 dilatatus Lec. 53-398¹⁴
 s.tenebricosus Roesch. 07-141¹⁴ N.J.-
 tenebrosus of authors¹⁴ [S.C.
 unicolor || Lec. 53-398¹⁴
 heros || Lec. 48-440¹⁴
 s.lengi VanD. 38-122¹⁴ Va.
 s.coloradensis VanD. 07-141¹⁴
 Colo.-N.M.-Neb.
 s. neomexicanus VanD. 24-1¹⁴ N.M.
 unicolor Fabr. 87-198 Md.-Fla.-O.-Mo.
 s.unicolor (s.str.)¹⁴ Ala.
 s.shoemakeri Leng 14-143¹⁴
 D.C. Md. Va. Ala.
 s. heros Harris 39-196¹⁶
 O. Ind. Ky. Tenn. Mo.
 s.floridanus Leng 15-564¹⁴ (Fla.)
 * * *
 IRICHROA Newm. 38-385^{13 15}
 viduus Dej. 26-12¹⁶ Atl.St.
 STENIRIDIA Csy. 24-236¹⁵
 andrewsi Harris 39-195^{15 17}
 s.andrewsi (s.str.)^{15 17} N.C.
 s.montana Val. 35-350^{15 17} N.C.
 s.amplicollis Csy. 20-174¹⁷ N.C.
 reflexa Csy. 24-22^{15 17}
 s.parvitorsalis Val. 35-354^{15 17}
 Ga. Tenn. N.C.
 s.nantahalæ Val. 36-228¹⁷ N.C. S.C.
 s.saludæ Val. 36-229¹⁷ N.C.

¹³ See alternate arrangement by Lapouge, above.¹⁴ Revision of subgenus, Van Dyke—38.¹⁵ Arrangement of subgenera and species, Valentine—35.¹⁶ Leng Catalog.¹⁷ Revision of subspecies, Valentine—36.

- s.darlingtoni Val. 35-356^{15 17} Ten. N.C.
s.barksdalei Val. 36-230¹⁷ N.C.
s.germari Chd. 61-495^{15 17}
Pa.-N.C.-Ky.
s.mutabilis Csy. 20-173¹⁷ Pa. W.Va.
longicollis Csy. 20-173¹⁷ [O. Ky.
modulata Csy. 20-174¹⁷
s.waldensia Val. 35-357^{15 17} Tenn.
violacea Lec. 63-4¹⁵
s.violacea (s.str.)¹⁵ Ga. N.C.
s.carolinæ Val. 35-358¹⁵ N.C.
æneicollis Beut. 03-513¹⁵ N.C.
tricarinata Csy. 14-25¹⁵ N.C. Tenn.
guyoti Lec. 66-363¹⁵ N.C. Va.
v.angelli Beut. 18-89²⁵ N.C.
confusus Darl. 31-146¹⁵
lodingi Val. 35-364
s.lodingi (s.str.)¹⁵ Ala.
s.obscura Val. 35-366¹⁵ Ala.
ridingsi Bland 63-354
s.ridingsi (s.str.)¹⁵ Va.
s.monongahelæ Leng. 17-36¹⁵ Pa.
tenuiceps Csy. 20-172²⁵
s.intermedia Val. 35-368¹⁵ Va.
* * *
- * NOMARETUS Lec. 53-399^{15 19}
bilobus Say 25-73 N.H. N.Y. Can. Mich.
liebecki VanD. 36-40 Tex.
fissicollis Lec. 53-399 Ill. Kan. Mo. Tex.
cavicollis Lec. 59-3 Kan. Ark. Mo. Tx. La.
* * *
- Pseudonomaretus** Roeschke 07-121¹⁹
* (Maronetus Csy. 14-30)¹⁹
merkeli Horn 90-71²⁰ Ida.
idahoensis Webb. 01-133²⁰
relictus Horn 81-188²⁰ Ida. Wash.
v.regularis Lec. 85-2²⁰
imperfectus Horn 60-569²⁰ N.C. Pa.
hubbardi Schw. 95-272²⁰ N.C.
incompletus Schw. 95-271²⁰ Va.
debilis Lec. 53-399²⁰ Ga. Car.
v.alpinus Beut. 03-512²⁰ N.C.
schwarzl Beut. 13-139²¹ N.C.

Neocyclus

longiceps VanD. 24-5 (Brennus)²²

Sphæroderus¹⁹

- canadensis Chd. 61-498
s.canadensis (s.str.)²² Ont. H.B.T.
palpalis Mots. 65-312²⁵ [N.Eng.
blanchardi Leng. 16-41²⁵ [N.C.
s.lengi Darl. 33-63²² N.C. Tenn.

¹⁵ Arrangement of subgenera and species, Valentine—35.

¹⁷ Revision of subspecies, Valentine—36.

¹⁸ Revision of subgenus, Van Dyke—36.

¹⁹ Listed as valid genus by Lapouge—32, with Sphæroderus (part) as synonym and subgenus Pseudonomaretus Roeschke (Maronetus Csy.=).

²⁰ Vacher de Lapouge—32. (Revision of part of tribe with arrangement differing from that of Breuning.)

²¹ Listed as synonym by Nicolay & Weiss—34.

²² Van Dyke in litt.

²³ Darlington—33.

GEHRINGIINI

Gebringia Darl. 33-110

* olympica Darl. 33-111 Wash. Mont.

CARABINI

Carabina²⁴

Carabus Linn. 58-413

* (hummeli Fisch., not N. American)²⁴

CARABUS (s.str.)²⁴

EUCARABUS Geh. 85-xxi²⁴

chamissonis Fisch. 20-88 Alas.-Greenl.-

brachyderus Wiedem. 24-110²⁴ [N.H.

groenlandicus Dej. 31-554²⁴

washingtoni Csy. 20-155²⁴

vinctus Web. 01-42²⁵ N.Y.-Ga.-Ind.-Ont.

ligatus Germ. 24-6²⁴

interruptus Say 25-76²⁴

carinatus Dej. 26-79^{24 28}

georgiæ Csiki 27-185²⁴

limbatus Say 25-77²⁵ N.Y.-Ga.-Ill.-Ont.

goryi Dej. 31-544²⁴

mæander Fisch. 22-103²⁷ Sib. N.A.

incompletus Fisch. 27-303²⁴

ehrenbergi Fisch. 29-368²⁴

palustris Lec. 48-444²⁴

hudsonicus Mots. 65-293^{24 28}

lapilayi || Dohrn 78-362²⁴

simoni Heyd. 79-163^{24 28}

excatenatus Kr. 80-337²⁴

excostatus Kr. 80-338²⁴

obscuratus Geh. 85-26²⁴

lecontei Geh. 85-27²⁴

mongolicus Lap. 05-305²⁴

lecontei Angell 14-75²⁴

n.lapilayi Cast. 35-89^{24 28} Newf. St.P.

atlanticus Lap. 24-191²⁴ [& M.

ARCHICARABUS Seidl. 87-6^{24 29}

memoralis Müll. 64-21³⁰

n.memoralis (s.str.)²⁴

foetens Voet 78-71²⁴

hortensis || Fabr. 75-237²⁴

nigrescens Letz. 50-85²⁴

virescens Letz. 50-85²⁴

tristis DallaT. 77-27²⁴

krasæ Roub. 03-380²⁴

brunnipes Lap. 08-19²⁴

deletus Lap. 08-20²⁴

canadensis Lap. 03-19^{24 28}

auratus Heuer 26-332²⁴

lestagei Basil 30-62²⁴

²⁴ Revision of subtribe, Breuning—32-37.

²⁵ Placed by Lapouge—32 in genus Lichnocarabus Reitt. 96-161. (Synonyms Mesocarabus Gehin 85-16 and Limnocarabus Gehin 85-27).

¹⁹ Listed as subspecies by Lapouge—32.

²⁷ Placed in subgenus Paracarabus Lap. 32-630 by Lapouge—32.

²⁸ Listed as genus by Lapouge—32.

²⁹ Vacher de Lapouge—32. (Revision of part of tribe with arrangement differing from that of Breuning.)

OREOCARABUS Geh. 76-12²⁴OREOCARABUS (s.str.)²⁴

tædatus Fabr. 87-196 Alas.-N.M.-Man.
s.tædatus (s.str.)²⁴

seriatus Wied. 21-109²⁴
baccivorus Fisch. 23-87²⁴
gladiator Mots. 65-285²⁴
patulicollis Csy. 13-57²⁴
franciscanus Csy. 13-58²⁴
bicanaliceps Csy. 20-154²⁴
stocktonensis Csy. 20-155²⁴

s.agassii Lec. 50-209²⁴ Ore.-N.M.-Man.
oregonensis Lec. 54-16²⁴
gladiator || Heyd. 79-161²⁴
canadicus Ræsch. 00-68²⁴
montanicus Csy. 13-58²⁴
s.coloradensis Breun. 33-719²⁴ Colo.

DIOCARABUS Reitt. 96-185³²
lutshnikianus Basil. 37-63 Alaska

ORINOCARABUS Kr. 78-328²⁴
truncaticollis Esch. 29-22³³ Alas., Sib.
s.alaskensis Basil. 37-63 Alaska

MESOCARABUS Thoms. 75-640²⁴
problematicus Hbst. 86-177
s.gallicus Geh. 85-15²⁴ Eur.Asia.Cal.
n.gallicus (s.str.)²⁴

intricatus || Oliv. 95-20²⁴
austriacus Strm. 15-78²⁴
dissitus Fisch. 27-170²⁴
californicus Mots. 65-287²⁴
beauvoisi Kr. 78-158²⁴
catenulatus of authors²⁴
problematicus Lap. 16-81²⁴
scandinavicus Born. 26-65²⁴
cruris Csiki 27-79²⁴
lhommei Hoffm. 28-12²⁴

HEMICARABUS Geh. 85-xix²⁴ 30³⁴

HEMICARABUS (s.str.)²⁴
serratus Say 25-77³⁰ Que.-Va.-N.M.-B.C.

lineatopunctatus Dej. 26-77²⁴
ligatus Kby. 37-18²⁴
canadensis Melsh. 53-10²⁴
vegasensis Csy. 13-59²⁴
s.tatumi Mots. 65-293²⁴ H.B.T. Newf.

EURYCARABUS Geh. 85-xxi²⁴

TANAOCCARABUS R. 96-135²⁴
forreri Bates 82-320³⁵ Mex. Ariz.
sylvosus Say 25-75 Vt.-Fla.-Kan.
therminieri Dej. 26-151²⁴
finitimus Hald. 52-373 Ut.Tex.Okla.Ala.
lecontei Csy. 13-57²⁴
caseyi Ang. 14-75²⁴

PROCRUSTES Bon. 09-39²⁴

MEGODONTES Sol. 48-58²⁴
vietinghoffi Ad. 12-170
s.vietinghoffi (s.str.)²⁴
n.vietinghoffi (s.str.)²⁴ Sib. Alas.
[B.C. H.B.T.
(n.fulgidus Fisch., not N. Amer.)²⁴

Calosoma

* CALLITROPA Mots. 65-300³⁶

protractum Lec. 62-52
dolens Chd. 69-376³⁶

* * *

morrisoni Horn 85-128 Colo.
prominens Lec. 53-400
v.parvicolle Fall 10-90³⁶
clemens Csy. 14-32³⁶
subgracile Csy. 13-63³⁶
pertinax Csy. 20-163³⁶

glabratum Dej. 31-565 S.Am. C.Am.
v.sponsum Csy. 97-340³⁶
eremicola Fall 10-91³⁶
incertum Lapouge 24-38³⁶
hospes Csy. 13-63³⁶
parviceps Csy. 97-341³⁶
rugosipenne Schffr. 11-113³⁶

PARACALOSOMA Br. 27-145³⁶

palmeri Horn 76-199³⁶

* * *

affine Chd. 43-746
v.triste Lec. 44-201³⁶
v.tristoides Fall 10-92³⁶

callda Fab. 75-237
v.stellata Csy. 97-344³⁶
concreta Csy. 20-157³⁶

tepidum Lec. 49-199
pallax Csy. 20-160³⁶
cancellatum Esch. 29-23 Cal.
praestans Csy. 20-159³⁶
rectilatera Csy. 20-158³⁶
sagax Csy. 20-158³⁶
aenescens Lec. 54-16³⁷

moniliatum Lec. 49-200
bicolor Walk. 66-313 (Carabus)³⁶
vancouverensis Csiki 27-286
[(Carabus)³⁶

Callisthenes

discors Lec. 57-31
v.dietzi Schffr. 04-197³⁶
v.schæfferi Breun. 28-80³⁶
irregularis || Schffr. 15-235³⁶

striatus Breun. 28-86
striatulus || Lec. 59-4³⁶

luxatus Say 23-149
klamathensis Csy. 20-169³⁶
v.zimmermanni Lec. 49-445³⁶
parowanus Csy. 20-167³⁶
debilis Csy. 20-167³⁶
tegulatus Csy. 13-72³⁶
viator Csy. 13-72³⁶

v.pimelioides Walk. 66-312³⁶
pustulosus Csy. 13-73³⁶
a.striatus Breun. 28-86³⁶
reflexus Csy. 20-164³⁶
semotus Csy. 20-166³⁶
utensis Csy. 20-165³⁶
a.subasperatus Schffr. 15-235³⁶

³² Basilewsky—37.

³³ Placed in Diocarabus by Basilewsky—37.

³⁴ Reference given as 76-25 by Gehin.

³⁵ Van Dyke—38.

³⁶ Csiki and Hetschko—33.

³⁷ Leng Catalog.

Elaphrus Fabr. 75-227

TRICHELAPHRUS Sem. 26-39
horni Csiki 27-420 ³⁶ Cal.
viridis Horn 78-52 ³⁶

Nebria Latr. 06-221

NEBRIA (s.str.) ³⁷
crassicornis VanD. 25-121
meanyi VanD. 25-118
piperi VanD. 25-117
schwarzi VanD. 25-116
NEBRIOLA Dan. 03-164 ³⁸
lyelli VanD. 25-120
riversi VanD. 25-115
spatulata VanD. 25-119
kincaidi Schw. 00-525 ³⁸
columbiana Csy. 13-48 ^{36 38}
paradisi Darl. 31-24 ³⁸
kincaidi Bänn. 25-264 ³⁸
vandykei Darl. 30-104 ³⁸

Oxydrepanus Putz. 66-103

* *rufus* Putz. 46-564 ³⁹ Cuba, Fla.
brevicarinatus Putz. 46-571 ⁴⁰

Clivina

oregona Fall 22-164 (Dyschirius) ⁴¹

Goniotropis Gray 32-273 ⁴²

* *parca* Lec. 84-2 ⁴³ Ariz.

Psydrus Lec.

* (*Monillipatrobus* Hatch 33-118) ⁴⁴
piceus Lec. 46-154 Cal.-L.Sup.
punctatus Hatch 33-118 ⁴⁴

Bembidion

PLATAPHUS Mots. 64-184 ⁴⁵
planiusculum Mannh. 43-215
basicorne Notm. 20-185 (Microme-
 [lomalus]) ⁴⁵
nigrum Say 23-85 ⁴⁵
quadrum Lec. 61-340 ⁴⁵
reticollis Lec. 63-19 ⁴⁵
concolor Kby. 37-54 ⁴⁵

EUPETEDROMUS Net. 11-190 ⁴⁵
lengi Notm. 19-93 ⁴⁵

PLATAPHODES Ggib. 92-152 ⁴⁵
kuprianovi Mannh. 43-217
bucolicum Csy. 18-34 (Trechone-
 [phra]) ⁴⁵

* * *

planum Hald. 43-303
vulsum Csy. 18-55 ⁴⁶
filicorne Csy. 18-56 ⁴⁶

TRICHOPLATAPHUS Net. 14-
[51] ⁴⁵

fugax Lec. 48-467 ⁴⁵
champlaini Csy. 18-56 ⁴⁵

* * *

grapei Gyll. 27-403 ⁴⁷ Greenl.
caducum Csy. 18-80
albidipenne Csy. 18-80 ⁴⁶
petulans Csy. 18-81 ⁴⁶
imperitum Csy. 18-81
prociduum Csy. 18-91 ⁴⁶
?simulator Csy. 18-93 ⁴⁶
FURCACAMPA Net. 31-153 ⁴⁵
affine Say 23-86 (Notaphus) ⁴⁵

* * *

anguliferum Lec. 52-185 N.S.-N.Eng.-
habile Csy. 18-162 ⁴⁶ [B.C.-Cal.]

ANILLINI

Anillina ⁴⁸

Anillinus Csy. 18-167
 * (*Anillaspis* Csy. 18-168) ⁴⁸
explanatus Horn 88-26 Cal.
debilis Lec. 53-397 Cal, Tex.
fortis Horn 63-127 D.C.-Ga.-Tenn.
carolinae Csy. 18-168 ⁴⁸
dohrni Ehlers 84-36 Fla.
affabilis Brues 02-361 Tex.

* * *

Tachys

nanus Gyll. 10-39
inornatus Say 23-88 ⁴⁵
rivularis Mots. 50-8 ⁴⁵

PATROBINI ⁴⁹

Patroboidea VanD. 25-67
 * *rufa* VanD. 25-69 Alas.-Wash.

Platypatrobus Darl. 38-146
 * *lacustris* Darl. 38-146 L.Sup.

Diplous Mots. 50-10

* (*Platidius* Chd. 71-51) ⁵⁰
californicus Mots. 59-123 Cal.-Mont.-
trochanterinus Lec. 69-375 ⁴⁹ [B.C.
latipennis Csy. 18-399 ⁴⁹
incisus Csy. 18-399 ⁴⁹
strenuus Csy. 18-400 ⁴⁹
rectus Csy. 18-400 ⁴⁹
sierranus Csy. 18-401 ⁴⁹
breviusculus Csy. 18-401 ⁴⁹
aterrimus Dej. 28-32 Alas.-Ore.-Colo.
fulcratus Dej. 69-374 ⁴⁹
breviceps Csy. 18-402 ⁴⁹
tennitarsis Csy. 18-403 ⁴⁹
coloradensis Csy. 18-403 ⁴⁹
reflexus Csy. 18-403 ⁴⁹

³⁶ Csiki and Hetschko—37

³⁷ Leng Catalog.

³⁸ Banninger—33.

³⁹ Darlington—35.

⁴⁰ Csiki—Col. Cat. p. 92.

⁴¹ Fall in litt.

⁴² Listed as a valid genus by Csiki & Hetschko—33, but placed in tribe Ozanini rather than Panagelini as by Leng.

⁴³ Csiki & Hetschko—33.

⁴⁴ Hatch—35.

⁴⁵ Csiki—Col. Cat. p. 126.

⁴⁶ Nicolay & Weiss—34.

⁴⁷ Cited as valid by Henriksen—35.

⁴⁸ Revision of subtribe, Jeannel—37.

⁴⁹ Revision of tribe, Darlington—33.

⁵⁰ Csiki—Col. Cat. p. 98.

- filicornis* Csy. 18-404 Cal.-B.C.
aterrimus of Horn (part)⁴⁹
rugicollis Rand. 38-560 N.E.N.A.
angicollis Rand. 38-1 (missprint)⁴⁹
longipalpis Notm. 19-231⁴⁹

Patrobns Dej. 21-10

- * **NEOPATROBUS** Darl. 34-155
longicornis Say 25-40 Newf.-B.C.-Fla.-
americanus Dej. 28-34⁴⁹ [Ariz.
lecontei Chd. 71-47
s.lecontei (s.str.)⁴⁹ Colo.Alb.L.Sup.
rufipes || Lec. 63-18⁴⁹ [H.B.T.
septentrionis Horn 75-130 (part)⁴⁹
canadensis Csy. 24-67⁴⁹
s.gravidus Darl. 38-159⁴⁹ Newf.
fossifrons Esch. 23-104
s.fossifrons (s.str.)⁴⁹ Alaska
longiventris Mannh. 53-145⁴⁹
fulvus Mannh. 53-145⁴⁹
latiusculus Chd. 71-46⁴⁹
septentrionis Horn 75-130 (part)⁴⁹
s.dimorphicus Darl. 38-161 Alas.-Cal.-
[Colo.
s.stygicus Chd. 71-46⁴⁹ Alas.-B.C.-
[Lab.-Newf.
tenuis || Csy. 20-186 (not 1913)⁴⁹
PATROBUS (s.str.)
septentrionis Dej. 28-29 Eur. Sib. Alas.-
fassor || O. Fab. 80-190⁴⁹ [Newf.
hyperboreus Dej. 28-30⁴⁹
fossifrons || Chd. 71-44⁴⁹
labradorinus Csy. 18-395⁴⁹
minuens Csy. 18-396⁴⁹
tenuis || Csy. 18-396 (not Csy. 1920)⁴⁹
tritius Csy. 20-186⁴⁹

GEOPATROBUS Darl. 38-157

- foveocollis* Esch. 23-105
s.foveocollis (s.str.)⁴⁹ Alaska
fossifrons Dej. 28-31⁴⁹
foveicollis Chd. 71-45 (part)⁴⁹
septentrionis Horn 75-130 (part)⁴⁹
s.tenuis Lec. 50-207⁴⁹ Alas.-Colo.-Lab.-
angusticollis Mannh. 53-146⁴⁹ [N.Y.
foveicollis Chd. 71-45 (part)⁴⁹
tenuis Chd. 71-46
obtusiusculus Chd. 71-43⁴⁹
septentrionis Horn 75-130 (part)⁴⁹
laeviceps Csy. 18-397⁴⁹
insularis Csy. 18-397⁴⁹

* * *

Trechus Clairv. 06-22**TRECHUS** (s.str.)

- obtus* Er. 37-122⁵¹ Eur. Wash.
quadristriatus || Duft. 12-185⁵⁰
tristis || Steph. 27-170⁵⁰
† laevis Steph. 32-384⁵⁰
castanopterus Heer 41-120⁵⁰

chalybæus Dej. 31-17

- v.brachyderus* Jeann. 31-432⁵² Mt.Wy.
v.californicus Mots. 45-347⁵² Alas.-Ore.
v.tahoensis Csy. 18-407⁵² Cal. Nev.

- coloradensis* Schffr. 15-48
v.arcticollis Jeann. 31-428⁵² Ida.
v.gravidulus Jeann. 31-429⁵² N.M.
ovipennis Mots. 45-348
v.conformis Jeann. 27-188⁵²

Lasiotrechus Ganglb. 92-187

- * (*Blemus* || Redt. 58-67)⁵⁰
discus Fabr. 01-207^{53 54} Eur. Asia, Que.

PTEROSTICHINI

- Stereocerus* Kby. 37-34⁵⁵
Cylindrocharis Csy. 18-326
* *grandiceps* Lec. 48-336 Tenn.N.C. Ga.
rostrata of Csy. 18-327⁵⁶
rostrata Newm. 38-387 Me.-Tenn.
sulcatula Csy. 18-327⁵⁶
piceata Csy. 18-327⁵⁶

Pterostichus

- * **ORSONJOHNSONUS** Htch 33-119
johnsoni Ulke 89-59⁵¹ Ore. Wash.

OMASEUS Steph. 28-67

- vulgaris* Linn. 53-415 Eur. B.C.-Ore.
melanarius Ill. 98-163^{51 57 58}

***HYPHERPES** Chd. 38-8⁵⁹

- tuberculo-femoratus* Hatch 36-701 Ore.
castaneus Dej. 28-326 Alas.-Ore.
novellus Csy. 13-102 B.C.-Cal.
metlakatlæ Csy. 13-102 B.C.
terracensis Csy. 24-68 B.C.
stóicus Csy. 24-68 B.C.
amethystinus Mannh. 43-201 Alas.-Cal.
scutellaris Lec. 73-312 Cal.
ecarinatus Hatch 36-702 Ida. Wash.

* * *

*** LEPTOFERONIA** Csy. 18-336⁵⁹

- oregonus* Csiki 30-582 Wash. Ore.
langicollis Lec. 52-239⁵⁹
infernalis Hatch 36-705 Ore.
fenyesi Csiki 30-582 Cal.-Ore.
ovicollis Schffr. 10-393⁵⁹
sphodrinus Lec. 63-10 Ida. Wash.
fuchsi Schffr. 10-392 Cal.
fugiens Csiki 30-582
fugax Csy. 18-337⁵⁹
larvalis Csy. 18-337⁵⁹
humilis Csy. 13-128⁵⁹
horni Lec. 73-313 Cal.
idahoensis Hatch 36-706 Ida.
angustus Dej. 28-328 Cal.
crucialis Csy. 13-126⁵⁹
inanis Horn 91-32 Wash.-Cal.-Nev.
idahoe Csiki 30-582 Ida.
elongatus || Schffr. 10-365⁵⁹
beyeri VanD. 25-71 Mont.

⁵³ Chagnon—34.⁵⁴ Chagnon—35.⁵⁵ Transferred from Amarini by Leech—35.⁵⁶ Nicolay & Weiss—34.⁵⁷ Numerous other synonyms listed in Csiki—Col.⁵⁸ Cat. p. 112.⁵⁹ Leech—35.⁵⁹ Revision of subgenus, Hatch—36.⁵¹ Hatch—33.⁵² Csiki—Col. Cat. p. 126.

- termittiformis VanD. 25-74 Ore.
falli VanD. 25-73 Cal.
caligans Horn 91-33 Cal.
ITHYTOLUS Bates 84-277
arizonicus Schffr. 10-393⁶⁰
- Anilloferonia VanD. 26-115
* testacea VanD. 26-116 Wash.
lanel Hatch 35-116 Ore.
- Euferronia Csy. 18-365⁶¹
* iripennis Nic. & Weiss 34-200 S.C.
stygica Say 25-41 Ont.-N.C.-La.-Ia.
bisigillatus Harris 28-123⁶¹
rugicollis Hald. 43-300⁶¹
picipes Newm. 38-377⁶¹
quadrifera Csy. 18-366⁶¹
proba Csy. 13-133⁶¹
ingens Csy. 18-367⁶¹
umbonata Csy. 18-368⁶¹
subaequalis Csy. 18-368⁶¹
v.vapida Csy. 13-134⁶¹ N.H.-N.Y.
lachrymosa Newm. 38-386 Me.-N.C.-O.
washingtonensis Nic.&Weiss 34-203 N.H.
v.rufitarsis Nic.&Weiss 34-204⁶¹ N.C.
coracina Newm. 38-386 Newf.-Va.-
moerens Newm. 38-387⁶¹ [L.Sup.
adjuncta Lec. 52-245⁶¹
venator Csy. 20-189⁶¹
lacustris Csy. 24-71⁶¹
v.roanica Csy. 20-188⁶¹ Md.-N.C.-Ky.
strigosula Csy. 24-72⁶¹
v.erebea Csy. 13-134⁶¹ Me.-Pa.-Wis.
ludibunda Csy. 20-189⁶¹
relicta Newm. 38-387 N.Y.-N.C.-L.Sup.
protensa Lec. 63-12⁶¹ (not La.)
flebilis Lec. 52-245 L.Sup.
- Cryobius Chd. 38-11⁶²
mandibularis Kby. 37-31 Arctic N.A.
arctica Chd. 63-339⁶²
hudsonicus Lec. 63-11 (Pterost.)⁶¹
- Melaninus Bon. 10-tab. syn.^{61 62}
* (Omaseus Leng, not Steph.)⁶¹
ebeninus Dej. 28-307 N.Y.-Fla.-Tex.
acutangulus Chd. 43-771⁶¹
caudicallis Say 23-56 N.J.-Va.-Ore.
nigrita Kby. 37-32⁶¹
agrestis Bland. 65-381⁶¹
brevibasis Csy. 24-73⁶¹
luctuosus Dej. 28-284 Newf.-Va.-Ill.
abjectus Lec. 52-243⁶¹
hamatus Harr. 28-123⁶¹
confluens Csy. 24-73⁶¹
testaceus Csy. 24-74⁶¹
v.tenulis Csy. 24-73⁶¹
corvinus Dej. 28-281 N.Y.-Ga.-L.Sup.
subpunctatus Harr. 28-123⁶¹
tenebrosus Chd. 37-30⁶¹
aequalis Csy. 24-72⁶¹
- Dysidius Chd. 38-8⁶¹
* purpuratus Lec. 52-242⁶⁴ N.J.-Va.-Ill.
?parallelus Mots. 59-147⁶¹
ohionis Csiki 30-638⁶¹
trinarius Csy. 18-377⁶¹
mutus Say 23-44 N.E.U.S.
carbonarius Dej. 28-283⁶¹
morosus Dej. 28-283⁶¹
picicornis Kby. 37-33⁶¹
pulvinatus Hausen 91-253⁶¹
stenops Hausen 91-252⁶¹
v.egens Csy. 24-74⁶¹ N.J. E.U.S.
- Loxandrus
infimus Bates 82-87⁶³ Gua. Mex. Tex.
- Amara
CURTONOTUS Steph. 28-138
aulica Panz. 97-3⁶⁶ Eur. Asia, N.S.
AMARA (s.str.)
familiaris Duft. 12-119⁶⁷ Eur. N.Eng.
humilis Csy. 18-302⁶⁷
ænea DeG. 74-98⁶¹ Eur. N.Eng.
devincta Csy. 18-307⁶⁸
- Platynus Bon. 09.⁶⁹
LEUCAGONUM Csy. 20-99⁶⁹
AGONUM Bon. 09-tab. syn.^{69 70}
pallipes Fabr. 01-187⁷⁰
limbatus Say 23-49^{70 71}
MELANAGONUM Csy. 20-111⁶⁹
PARAGONUM Csy. 20-123⁶⁹
belleri Hatch 33-120⁶⁹ Wash.
* * *
- (obscurus Hbst. 84-139, not N. Amer.)⁶⁹
OXYPSELAPHUS Chd. 43-415⁶⁹
pusillus Lec. 54-39 Wash.-Can.-N.Y.
americanus || Lec. 48-256⁶⁹
oblongus || Ham. 88-61⁶⁹
obscurus || Ham. 94-354⁶⁹
- Colpodes
falli Darl. 36-152 Ariz.
- Lachnophorus Dej. 31-28⁷²
* ARETAONUS Liebke 36-461⁷³
elegantulus Mannh. 43-215 Cal.-Tx.-C.R.
mediosignatus Mén. 44-62⁷³
sculptifrons Bates 78-604⁷³ Tx.-Mx.-Nlc.
COLLIURINI⁷⁴

⁶⁴ This name was invalidated (according to some interpretations of the Rules) by being at one time transferred to Pterostichus where there is an older use of the name.

⁶⁵ Darlington—38.

⁶⁶ Fall—34.

⁶⁷ Darlington—36.

⁶⁸ Also numerous other synonyms in Csiki—Col. Cat. p. 104.

⁶⁹ Rearrangement of subgenera, Hatch—33.

⁷⁰ Buchanan—39 (cites Agonom as genus).

⁷¹ Fall—33.

⁷² Revision of genus, Liebke—36.

⁷³ Leng Catalog.

⁷⁴ Revision of tribe, Liebke—37.

⁶⁰ Placed in Leptoferronia by Hatch—36, but transferred here by Darlington—36.

⁶¹ Revision of genus, Nicolay & Weiss—34.

⁶² As subgenus of Pterostichus by Csiki—Col. Cat. p. 112.

⁶³ Brown—37.

Colliuris DeG. 74-79 ⁷⁴

- * ODACANTHELLA Lbk. 30-658 ⁷⁴
- pennsylvanica Linn. 58-620 U.S.
- lengi Schffr. 10-395 Ariz.
- CALOCOLLIURIS Lbk. 37-55 ⁷⁴
- ludoviciana Sallé 49-297 Fla.-La.-Yuc.

Calybe Cast. 34-92 ⁷⁴

- * EGA Cast. 34-93 ⁷⁴
- sallei Chevr. 39-308 Fla.-La.-Nic.
- lætula Lec. 49-173 Colo.-Mex.-Gua.

Leptotrachelus Latr. 29-371 ⁷⁴

- * pallidulus Mots. 64-218 Tex.
- dorsalis Fabr. 01-229 U.S. Mex. Cuba
- depressus Blatch. 23-15 Fla.

Comstockia VanD. 18-179 ⁷⁴

- * subterranea VanD. 18-182 Tex.

* * *

Zuphium Latr. 06-198 ⁷⁵

- * magnum Schffr. 10-396 Tex.
- longicollis Lec. 79-62 Tex. Mex.
- delectum Lbke. 33-469 Mass.
- americanum Dej. 31-298 U.S.
- mexicanum Chd. 62-314 Ariz. Mx.-C.R.

Pseudaptinus Cast. 35-50 ⁷⁶

- * PSEUDAPTINUS (s.str.) ⁷⁶
- lecontei Dej. 31-301 Fla. Ga. La.
- tenuicornis Chd. 72-6 Tex. Mex.
- tenuicollis Lec. 49-173 Cal. Tex.
- THALPIUS Lec. 51-174 ⁷⁶
- pygmaeus Dej. 26-460 Fla. La. Cuba
- högei Bates 82-77 Tex. Mex.
- horni Chd. 72-3 Cal.
- rufulus Lec. 49-173 Cal.

* * *

- dorsalis Brullé 34-181 ⁷⁷ D.C. Fla. La.
- cubanus Chd. 62-252 ⁷⁵ Fla. Cuba

Brachynus**BRACHYNUS** (s.str.) ⁷⁹

- affinis Lec. 48-204 ⁷⁹ Ind.
- alternans Dej. 25-316 ⁷⁹ Ind.
- alternans || Lec. 48-198 ⁷⁹ U.S.
- americanus Lec. 44-48 ⁷⁹ Ind.Fla.
- ballistarius Lec. 48-199 ⁷⁹ N.Y.Ind.N.M.
- carinulatus Mots. 59-139 ⁷⁹ Cal.Ariz.Mx.
- glabripennis Lec. 58-28 ⁷⁹
- cinctipennis Chev. 34-163 ⁷⁹ Ar.N.M.Mx.
- conformis Dej. 31-427 ⁷⁹ U.S.
- patruelis Lec. 44-50 ⁷⁹
- cordicollis Dej. 26-466 ⁷⁹ U.S.
- velox Lec. 48-206 ⁷⁹
- conformis || Lec. ⁷⁹
- cephalotes Dej. 25-317 ⁷⁹
- costipennis Mots. 59-138 ⁷⁹ Ariz.Cal.
- lecontei Mots. 59-39 ⁷⁹
- cyanipennis Say. 23-143 ⁷⁹ Fla.Ind.

⁷⁵ Revision of genus, Liebke—33.⁷⁶ Revision of genus, Liebke—34.⁷⁷ Leng Catalog.⁷⁸ Darlington—35.⁷⁹ Synonymy revised by Csiki—33.**deyrollei** Laf. 41-42 ⁷⁹

Tex.Ind.

strenuus Lec. 44-48 ⁷⁹*a.tormentarius* Lec. 48-200 ⁷⁹ S.St.

[W.St.

distinguendus Chd. 68-287 ⁷⁹ N.A.*fidelis* Lec. 62-524 ⁷⁹ Cal.-N.M.

N.Y.-Fla.

fumans Fab. 81-307 ⁷⁹*librator* Dej. 31-425 ⁷⁹*cyanopterus* Lec. 44-49 ⁷⁹*perplexus* || Lec. 48-203 ⁷⁹*sufflans* Lec. 48-204 ⁷⁹*a.similis* Lec. 48-199 ⁷⁹ N.Y.*gracilis* || Blatch. 10-160 ⁷⁹ Ind.*janthinipennis* Dej. 31-412 ⁷⁹ U.S.*kansanus* Lec. 62-524 ⁷⁹ Kans.Ariz.*lateralis* Dej. 31-424 ⁷⁹ U.S. C.A. S.A.*leptocerus* Chd. 68-296 ⁷⁹ N.A.*leucoloma* Chd. 68-301 ⁷⁹ Cal.*limbiger* Chd. 76-81 ⁷⁹ Cal. Mex.-S.A.*medius* Harris 28-117 ⁷⁹ N.Eng. Ind.*minutus* Harris 28-117 ⁷⁹ N.Y. Ind.*pumilio* Lec. 48-208 ⁷⁹*ovipennis* Lec. 62-525 ⁷⁹ U.S.*cephalotes* || Lec. 48-205 ⁷⁹*phaocerus* Chd. 68-300 ⁷⁹ N.A.*puberulus* Chd. 68-294 ⁷⁹ Fla.*pulchellus* Blatch. 10-161 ⁷⁹ Ind. Fla.*quadripennis* Dej. 25-316 ⁷⁹ S.St. W.St.*neglectus* Lec. 44-49 ⁷⁹*rejectus* Lec. 62-525 ⁷⁹ M.St. W.St.*cordicollis* || Lec. 48-206 ⁷⁹*rugipennis* Chd. 68-297 ⁷⁹ U.S.*stenomus* Chd. 68-291 ⁷⁹ U.S.*stygiornis* Say 34-415 ⁷⁹ Kan. Fla.*oxygonus* Chd. 43-714 ⁷⁹*sublævis* Chd. 68-293 U.S.*tenuicollis* Lec. 44-49 ⁷⁹ U.S.*texanus* Chd. 68-299 U.S.*tschernikhi* Mannh. 43-184 ⁷⁹*puncticollis* Lec. 58-28 ⁷⁹*viridipennis* Dej. 31-426 ⁷⁹ U.S.*viridis* Lec. 44-49 ⁷⁹*lecontei* Lec. 44-49 ⁷⁹*a.perplexus* Dej. 31-426 ⁷⁹ U.S.

* * *

Miscodera Esch. 30-63 ⁸⁰

- * insignis Mannh. 52-296 Alas. Wash.
- arctica Payk. 00-85 Eur. Sib.
- s.erythropus Mots. 44-75 ⁸⁰ Sib. Alas.
- americanus Mann. 53-134 ⁸⁰ [N.Y.
- hardyi Chd. 61-525 ⁸⁰

* * *

Chlaenius

- crestonensis Brown 33-43 B.C.
- leucoscelis Chev. 34-71
- s.leucoscelis (s.str.) ⁸¹ Wash.-Colo.-
- monachus Lec. 51-180 ⁸¹ [Guat.
- chlorophanus || Lec. 48-435 ⁸²
- s.cordicollis Kby. 37-22 ⁸¹
- [E.Can.-L.Sup. Va.

⁸⁰ Revision of genus, Hatch—33.⁸¹ Darlington—34.⁸² Csiki—31.

Selenophorus

- discopunctatus* Dej. 29-92 S.A. W.I. Fla.
chokoloskei Leng. 15-596⁸³
cuprinus Dej. 29-96⁸⁴
harpaloides Reiche 43-142⁸⁴
acratus Reiche 43-142⁸⁴

Stenomorphus Dej. 31-696⁸⁵

- * (*Agaosoma* Mén. 44-63)⁸⁵
convexior Notm. 22-103 Ariz. Mex.
californicus Mén. 44-63 Kan.-Mex.-
rufipes Lec. 59-59⁸⁵ [Cal.-L.Cal.
batesi Csy. 14-168⁸⁵
scolopax Csy. 14-169⁸⁵
arcuatus Csy. 24-122⁸⁵
parallelus Csy. 24-122⁸⁵

* * *

Agonoderus

- lecontei* Chd. 68-14
pallipes of authors (not Fab.)^{86 87}

Pseudomorpha Kby. 25-98⁸⁸

- * (*Heteromorpha* Kby. 25-109)⁸⁸
(*Axinophorus* Dej. & Bois. 29-60)⁸⁸
(*Drepanus* Dej. 31-434)⁸⁸
alutacea Notm. 25-17 N.M.
angustata Horn 83-274 Ariz. N.M.
behrensi Horn 70-76 Cal. Mex.
castanea Csy. 09-278 Ut. Cal.
champlaini Notm. 25-20 Ariz. Cal.
consanguinea Notm. 25-18 Cal. Ariz.
cronkhitei Horn 67-151 Cal.
cylindrica Csy. 89-40 Tex.
exercitians Kby. 25-101 Ga. La. Ala.
lecontei Dej. & Bois. 29-176⁸⁸
falli Notm. 25-15 Cal.
hubbardi Notm. 25-15 Ariz.
ruficollis Csy. 24-148 La.
schwarzi Notm. 25-21 Ariz.
tenebroides Notm. 25-16 Ariz.
vandykei Notm. 25-18 Ariz.
vicina Notm. 25-17 Cal.
vindicata Notm. 25-19 Utah

HALIPLIDÆ**Haliplus** Latr. 02-77²

- * HALIPLUS (s.str.)¹
strigatus Robts. 13-110 Man.-B.C.-Wyo.
robertsi Zimm. 24-73 Colo.-B.C.-Cal.
pallidus || Robts. 13-109¹
dorsomaculatus Zimm. 24-75 Cal. Colo.
distinctus Wallis 32-17 B.C.
hoppingi Wallis 32-19 B.C.
longulus Lec. 50-211 N.A.

⁸³ Dnrllington—35.⁸⁴ Csiki—32.⁸⁵ Revision of genus, Dnrllington—36.⁸⁶ Buchanan—39.⁸⁷ Fall—33.⁸⁸ Csiki—33.¹ Revision of genus, Wallis—32.

- immaculicollis* Harr. 28-164 N.A.
americanus Aube 38-26¹
impressus Kby. 37-65¹
ruficollis || Cr. 73-385¹

blanchardi Robts. 13-108 Ct.-Minn.-La.
PARALIAPHLUS Guignot 28-138¹

- borealis* Lec. 50-212 L.Sup. Minn. Man.
lewisi Cr. 73-384 Tex.
ohioensis Wallis 32-27 O. Ill.
minor Zimm. 24-192 Tex.
annulatus Robts. 13-107 Fla. S.C.
confluentus Robts. 13-106 Fla. S.C.
triopsis Say 25-106 N.Eng.Fla.N.M.Ont.
pantherinus Aube 38-29 E.N.A.Minn.La.
deceptus Math. 12-166 Tex. N.M.
suturalis Robts. 13-96¹
punctatus Aube 38-32 Fla.-Tex.
mutchleri Wallis 32-38 Fla.
leopardus Robts. 13-98 Mass.-S.C.
pseudofasciatus Wallis 32-41 S.C. Kan.

* LIAPHLUS Guignot 28-138¹

- fasciatus* Aube 33-30 N.Eng.-S.C.-Kan.
connexus Math. 12-164 N.S.-Mass.-Minn.
mimeticus Math. 12-168 Pac.Cst. Mex.
rugosus Robts. 13-102 Cal.
apostolicus Wallis 32-46 Minn.
cribrarius Lec. 50-202 Lab.-Vt.-Minn.
canadensis Wallis 32-51 Mass.-B.C.
nitens Lec. 50-212 Mich.-Wis.-Tex.
subguttatus Robts. 13-101 N.S.-N.Eng.-
[B.C.]

- salinarius* Wallis 32-56 B.C.
vancouverensis Math. 12-163 B.C.
salmo Wallis 32-61 Alb.
leechi Wallis 32-63 B.C.
columbiensis Wallis 32-66 B.C.
ungularis Wallis 32-68 B.C.
gracilis Robts. 13-102 Ore. Cal.
cylindricus Robts. 13-102 Cal.
tumidus Lec. 80-166 Tex. Cal.
concolo Lec. 52-201 Cal.

DYTISCIDÆ**Hygrotus** Steph. 28-46²

COELAMBUS Thoms. 60-13²

- curvipes* Leech 38-54 Cal.

Hydroporus Clairv. 06-182³

HYDROPORUS (s.str.)³

HETEROSTERNUS Zimm.³

DERONECTES Shp.^{3 4}

- brodei* Gellern. 28-63⁵

STICTOTARSUS Zimm.³

POTAMONECTES Zimm.³

(*Potamodytes* Zimm.)³

(*Deronectes* of Fall)³

- mathiasi* Hatch 33-22 Wash.

² Balfour-Browne—34.³ Rearrangement of subgenera, Hatch—33.⁴ Treated as valid by Balfour-Browne—34.⁵ Hatch—33.

* OREODYTES Seidl.⁶

- scitulus Lec. 55-295 B.C.-N.Y.-Newf.
 bisulcatus Fall 23-115 Cal.
 crassulus Fall 23-119 Mont. Ut. Wash.
 obesus Lec. 66-365 Cal.-B.C.
 angustior Hatch 28-221 Wash.
 congruus Lec. 78-452 N.M.-Mont.-B.C.
 abbreviatus Fall 23-117 Cal. Wash.
 picturatus Horn 83-283 Nev. Cal.
 subrotundus Fall 23-118 Cal. Wash.
 snoqualmie Hatch 33-26 Wash.
 hortense Hatch 33-27 B.C. Wash.
 lævis Kby. 37-67 L.Sup. H.B.T.
duodecimlineatus Lec. 50-214⁹
 semiclarus Fall 23-113 Cal. Y.T. Colo.
yukonensis Fall 26-138⁶
recticollis of Hatch⁶
 recticollis Fall 26-140 Alaska
 alaskanus Fall 26-139 Alaska
 rainieri Hatch 23-220 Wash.

kincaidi Hatch 28-221⁶

GRAPTODYTES Seidl.³

STICTONOTUS Zimm.³

NEBRIOPORUS Reg.¹

* * *

- barbarensis Wallis 33-262 Cal.
 planiusculus Fall 23-58 Que. B.C.
brumalis Brown 30-235⁷
compertus Brown 32-4⁷
falsificus Brown 33-44⁷
 lapponum Gyll. 08-532⁵
 [Alas.-Man. Eur. Sib.
 melanocephalus Marsh 02-423⁹ Eur. Sib.
 [Alas.-L.Sup.-Greenl.
morio Gemm. & Har. 68-437⁶
 browni Wallis 33-261 Wash.
 edwardsi Wallis 33-261 Wash.

Laccornis DesGozis?
 (See Leech Can. Ent.
 Lxxii, 1870, p. 122)

- Agaporus Zimm. 19-147.
 latens Fall 37-10 N.H. Mass. N.Y.

Agabus

- GAURODYTES Thoms. 60-57¹⁰
 falli Guignot 35-38
sharpi || Fall 22-19^{10 11}

- ERIGLENUS Thoms. 60-55¹²
 hudsonicus Leech 38-123 Man.

* * *

- colymbus Leech 38-125 Man.
 browni Leech 38-126 Man.
 pseudoconfertus Wallis 26-90¹³
gelidus || Fall 26-142^{14 15}
 kenaiensis Fall 26-141 Alas. Man.
palustris Wallis 26-92⁷
 vancouverensis Leech 37-146 B.C. Wash.
 irregularis Mannh. 53-159¹⁴ Alaska
 hypomelas Mannh. 43-221¹⁴ Alas.-Wash.
 audeni Wallis 33-270 B.C.
 minnesotensis Wallis 33-268 Minn.

Ilybins

- denikei Wallis 33-271 Ont.

Copelatus Er. 32-38

(*LIOPTERUS* Steph. 35-393)¹⁵

Rantus Bois. & Lac. 35-309^{16 17 18}

- (*RHANTUS* of authors)^{16 17 18}
 maculicollis Aube 38-245^{19 19} N.A.
 hoppingi Wallis 33-272 B.C. Cal. Wash.
 binotatus Harr. 28-164²⁰ N.A. C.A.
 gutticollis Say 34-442²⁰ Ariz.
 suturellus Harris 28-164²⁰ Eur. Sib. N.A.
subopacus Menetr. 06-175²⁰
 zimmermanni Wallis 33-274 Man. Que.
 [B.C.
bistriatus of authors (not Bergst.)²⁰

Hoperius Fall 27-177^{21 11}

- * planatus Fall 27-178^{21 11} Ark.

Dyticus Linn. 58-411²²

(*DYTISCUS* of authors)²²

- habilis Say 34-441²³ Mex. Tex.

Hydaticus

- modestus Shp. 82-650 N.A.
americanus Shp. 82-654¹⁷
stagnalis of authors (not Fab.)¹⁷
 (laevipennis Thoms., not N. Amer.)¹⁷
 cinctipennis Aubé 38-191¹⁷

Graphoderus Dej. 33-54^{24 25 26}

- * (*GRAPHODERES* Thoms. 60-38)²⁴

- liberus Say 25-160²⁵ Mich.-Mass.-Fla.
rugicollis Kby. 37-73²⁵
brunnipennis Aube 38-203²⁵
thoracicus Harris 28-156²⁵
 fasciatocollis Harris 28-156²⁵ B.C.-Mass.
cinereus Horn (not Linn.)²⁵
 perplexus Shp. 82-695²⁵ N.A.
elatus Shp. 82-695²⁵
cinereus of authors (not Linn.)²⁵
zonatus Zimm. (not Hoppe)²⁵
 manitobensis Wallis 33-276²⁵ Man.
 occidentalis Horn 83-231²⁵ Cal.
austriacus Zimm. (not Sturm.)²⁵

¹⁵ Mequignon—37, may be subgenus; proper date is 1835 in spite of statement to contrary by Strand.

¹⁶ Balfour-Browne—35.

¹⁷ Wallis in litt.

¹⁸ Compiler is of opinion that the Rules amply justify the change of spelling to *Rhantus*; see remarks elsewhere.

¹⁹ Hatch—28.

²⁰ Wallis—33.

²¹ Leech in litt.

²² Balfour-Browne—35, gives this as proper synonymy but does not accept it because the change was made four years late by another writer!

²³ Darlington—38.

²⁴ These names are reversed by Balfour-Browne—35, but *Graphoderus* was amply validated by Dejean in 1833.

²⁵ Revision of genus, Wallis in litt.

²⁶ Credited by Guignot—31 and Wallis in litt. to Aube 38-156.

⁶ Revision of subgenus, Hatch—33.

⁷ Fall—34.

⁸ Possibly subsp. *labradorensis* Fall, Brown—37.

⁹ Brown—37, ascribes these names to Gyll. & Aube respectively.

¹⁰ Guignot—35.

¹¹ Fall in litt.

¹² Leech—38.

¹³ Synonymy reversed by Fall—34.

¹⁴ Leech—37.

GYRINIDÆ

Gyrinus

hoppingi Leech 38-59

B.C.

LIMNEBIIDÆ²⁷Ochthebius²⁸

insulanus Brown Correct loc. Vanc.Id.²⁷
 mimicus Brown 33-45 B.C.

HYDROPHILIDÆ

Helophorus

arcticus Brown 37-109 Baffin Id.
 HELOPHORUS (s.str.)
 lecontei Knisch 24-88²⁹ Cal.
 obscurus || Lec. 52-210²⁹
 ventralis Mots. 60-105²⁹ N.Y.
 obsoletesulcatus Mots. 60-106²⁹
 obscurus || Wickh. 95-183²⁹
 granularis Linn. 61-214²⁹ Eur. N.A.
 ?pusillus Mots. 60-106²⁹

Berosus

ENOPLURUS Hope 38-128²⁹
 undatus Fabr. 92-185²⁹ Tex. Mex. W.I.
 emarginatus Horn 73-120²⁹ [S.A.
 flavipes Shp. 87-766²⁹
 guadelupensis Fleut. & Salle 89-376²⁹

Hydrophilus

occultus d'Orch. 33-310 N.Y. Tenn.

Enochrus

LUMETUS Zaitz. 08-385²⁹
 pygmaeus Fabr. 92-186²⁹
 nebulosus Say 24-277²⁹ W.I.
 P. 19, First supplement, under 19289,
 for 2484 read 2884.²⁷

SILPHIDÆ

NECROPHORINI

Necrocharis Port. 23-68^{1,2,3}

* carolinensis Linn. 71-530⁴ Pa.-Fla.-
 mediatius Fabr. 01-334² [Ariz.-Neb.
 a.scapulatus Port. 23-142² N.C. Fla.
 a.dolosus Port. 23-142²
 a.mysticallis Angell 12-307² Ariz.

²⁷ Leech in litt.²⁸ Left in Hydrophilidae by Brown—33.²⁹ d'Orchymont—34.¹ Semenov-Tian-Shanskij—32.² Hatch—Col. Cat. p. 95.³ Placed as subgenus of Nicrophorus by Hatch,
Col. Cat. p. 95.⁴ Hatch & Rueter—34Nicrophorus Fabr. 75-71^{2,4}

* (Dermestes || Geoffr. 62-93)²
 (Necrophorus Fabr. 01-333)^{2,3}
 (Cyrtozelis Hope 40-149)²
 Acanthopsilus Port. 14-223)²
 EUNECROPHORUS Sem.

[32-152

americanus Oliv. 90-10¹ N.S.-Minn.-
 virginicus Fröl. 92-123² [Tex.-Fla.
 grandis Fab. 92-247²

germanicus Linn. 58-359² Europe
 a.bipunctatus Kr. 80-117² Eur. ?Cal.

NECROPTER Sem. 32-154⁴

orbicollis Say 25-77¹ Me.-Fla.-Kan.-Alb.
 halli Kby. 37-98²

quadrisignatus Cast. 40-1²sayi Cast. 35-2¹ N.B.-Va.-Alb.lunulatus Gistel 48-49²lunatus || Lec. 53-277²luniger Har. 68-104²humator Oliv. 90-8² Eur. Asiagrandior Angell 12-307² Cal.defodiens Mannh. 46-513^{1,4} Newf.-N.J.-hebes Kby. 37-96² [Cal.-Alas.pygmaeus Kby. 37-98²vespillioides of Lec. 66-367²a.humeralis Hatch 27-7²a.binotatus Port. 26-236² Cal.plagiatus || Mots. 69-252²a.lateralis Port. 03-330² Cal.-Wash.a.conversator Walk. 66-320² Cal. Ore.pollinator of Lec. 54-19²a.kadjakensis Port. 26-236² Alaskaa.mannerheimi Port. 24-293² Cal.investigator Zett. 24-154^{1,4} Eur.Asia,ruspator Er.37-225² [Alas.-Cal.-?Va.melsheimeri Kby. 37-97²infodiens Mannh. 53-170²confessor Mots. 60-126²microcephalus Thoms. 62-9²pustulatus of Horn 80-233 (part)²vestigator of Gyll. 27-308²a.intermedius Reitt. 95-327² Eur. B.C.

[Man.-Ore.-Ut.

a.lutescens Port. 24-150² N.M. Ariz.v.nigritus Mannh. 43-251² Cal. Ore.v.variolosus Port. 24-149²s.maritimus Guer. 44-60² Japan, B.C.aleuticus Gistel 48-190²pollinator Mannh. 53-169²sibiricus Mots. 60-126²a.particeps Fisch. 44-139²

[Alas. B.C. Asia

mexicanus Matth. 88-91¹ Mex. Cal.hybridus Hatch & Ang. 25-216^{1,4} Wash.-

[Man.

v.minnesotianus Hatch 27-5² Minn.guttulus Mots. 45-53^{1,4} Alas. Cal.-Colo.a.quadriguttatus Angell 20-90² Cal.a.vandykei Angell 20-90² Cal.a.ruficornis Mots. 69-352² Cal.a.hecate Bland || 65-382^{1,2} Alas.-N.M.a.disjunctus Port. 24-85²a.rubripennis Port. 24-85² Cal.-Kan.obscurus Kby. 37-97^{1,4} H.B.T.-Ut.-Ore.melsheimeri of Lec. 53-275²⁴ This spelling accepted by Semenov-Tian Shanskij—32.

marginatus Fabr. 01-334^{1 4} Me.-Miss.-
requiescator Gistel 48-190² {Ore.-C.A.
 a.cordiger Port. 24-84² N.Y. Ark.
 tomentosus Web. 01-47¹ Me.-Ga.-Cal.-
velutinus Fab. 01-334² [Man.
 a.angustefasciatus Port. 25-170²
 a.aurigaster Port. 25-170²

STICTONECROPTER Sem. 32-154
 pustulatus Hersch 07-271¹ Alas.-Newf.-
bicolor Newm. 38-385² [Fla.-Cal.
tarsus Mannh. 53-385²
 a.fasciatus Port. 24-86² Ky.-Que.-Fla.
 a.unicolor Port. 24-86² La.
 vespillo Linn. 58-359 Eur. Asia, Neb. Pa.
 pulsator Gistel 48-190² "N.A."
 vespilloides Hbst. 84-32⁶ Eur. Japan
 s.defodiens Mannh. 46-513⁶ Pac. Cst.
mortuarum Fab. 92-248⁶ [Japan
 a.hebes Kby. 37-96⁶ Alas. Y.T.
pygmaeus Kby. 37-98⁶
humeralis Hatch 27-7⁶
 a.conversator Walk. 66-320⁶ B.C.
lateralis Port. 03-330⁶
gaigei Hatch 27-356⁶

SILPHINI

Silpha

THANATOPHILUS Leach 15-89⁴
 trituberculata Kby. 37-101⁴
 lapponica Hbst. 93-269⁴
 HETEROSILPHA Port. 26-83⁴
 ramosa Say 23-193⁴
 XYLODREPA Thoms. 59-56
 quadripunctata Linn. 58-359^a Eur. Mass.
 OXELYTRUM Gistel 48-150
 discicollis Brullé 40-75^b Cal. N.M. Ariz.
analis Chev. 43-26^{a b} [C.A. S.A.
æquinoctialis Gistel 48-190^b
brasiliensis Dej. 33-113^b
cayennensis || Berg 01-328^b

AGYRTINI

Agyrtes Fröl. 99-18⁷
 * longulus Lec. 59-282⁵ Cal.-Alas.
 similis Fall 37-29 Cal.

Pelatines Ckll. 06-240⁷
 * (*Pelates* || Horn 80-244)⁷
 latus Mannh. 52-331⁵ Alas.-Wash.-Alb.

Necrophilus Latr. 29-500⁷
 * pettiti Horn 80-243⁵ Can.-Ky.-Ind.
subterraneus of Horn 68-125⁵
 hydrophiloides Mannh. 43-253⁶ Alas.-
ater Mots. 45-263⁸ [Cal.

^a Angell in litt.^b Junk Col. Cat. pars 95.⁶ Leech—37.⁷ Rearrangement of genera, Hatch & Rueter—34.⁸ Leng Catalog and supplements.LYROSOMINI^{4 9}

Pteroloma Gyll. 27-418¹⁰
 * (*Adolus* Fisch. 28-242)²
 (*Holocnemis* Schill. 29-93)²
 nebrioides Brown 33-213 Alas. Alb.
forsströmi of authors (not Gyll.)¹¹

Apteroloma Hatch 27-12^{4 12 10}

* (*Pteroloma* of authors)⁴
 caraboides Fall 07-235⁸ Wash.-Cal.
 tenuicornis Lec. 59-84⁸ Wash.-Cal.
 tahoea Fall 27-136⁵ Cal.

CATOPOCERINI⁴

(*Pinodytini*)

Catopocerus Mots. 69-351⁴
 (*Pinodytes* Horn 80-248)⁴
 (*Homaeosoma* Aust. 80-16)²
 ulkei Brown 33-215
cryptophagoides of Horn 80-249¹¹

LEPTODIRIDÆ¹

(*Catopidae*, *Silphidae*)

Leptodirinae¹

Platycholeus Horn 80-251¹
 * leptinoides Cr. 74-77¹ Cal. Ore. Nev.
 opacellus Fall 09-133¹ Cal.

Catopinae¹

CATOPINI

Nemadus Thoms. 67-351^{1 2}
 * pusio Lec. 59-282^{1 2} Cal.-B.C.
 horni Hatch 33-194² Mass.-Ala.-Ia.
pusio of Horn 80-262¹
 parasitus Lec. 53-282^{1 2} Que.-Va.-Tex.
 [Man.
 integer Fall 37-338 Mass.
 gracilicornis Fall 37-339 Mass. N.J. Man.
 obliquus Fall 37-339 Mass.-Pa.

Dissochretus Reitt. 84-39¹

* brachyderus Lec. 63-25¹ N.S.-N.Y.-Minn.
 arizonensis Hatch 33-197 Ariz.
 oblitus Lec. 53-282¹ Md.-Fla.-Ill.
 decipiens Horn 80-257¹ Wash.

Echinocoleus Horn 85-136¹

* setiger Horn 85-136¹

⁹ Van Dyke—28.¹⁰ Definitely not Staphylinidæ, Brown—33, Szekessy—36, Van Dyke—28, the compiler, etc.¹¹ Brown—33.¹² Considered a synonym of *Pteroloma*, Brown—33.¹ Hatch—33.² Revision of genus, Fall—37.

Ptomaphagus Ill. 98-88¹

- * *californicus* Lec. 53-281¹ Cal.
nevadicus Horn 80-263¹ Nev. Colo. Kan.
schwarzi Hatch 33-203¹ Fla.
texanus Melander 02-329¹ Tex. Colo.
fisus Horn 85-137¹ Ariz. Cal.
consobrinus of Horn 80-262 (part)¹
cavernicola Schw. 98-58¹ Mo.
laticornis Hatch 33-204 Cal.
ulkei Horn 85-137¹ Md. Va. N.C.
piperi Hatch 33-205 Wash. Cal.
consobrinus Lec. 53-281¹ Mass.-Fla.-
strigosus Lec. 53-281¹ [Okla.-Mich.
lecontei Murray 56-459¹

Adelops Tellk. 44-318¹

- * *mittchellensis* Hatch 33-208 N.C.
lodingi Hatch 33-209 Ala.
valentinei Jeann. 33-252³ Ala.
hatchi Jeann. 33-252³ Tenn.
hirtus Tellk. 44-318¹ Ky.

Catops Payk. 98-342¹

- * *SCIODREPA* Thoms. 62-66¹
gratiosus Blanch. 15-294¹ Me.-Va.-Wash.
alsiosa of Blatch. 10-294¹
alsiosus Horn 85-136¹ Alas.-N.S.-N.Y.
simplex Say 25-184¹ Alas.-Lab.-Cal.-Ga.
luridipennis Mannh. 53-176¹
americanus Hatch 28-201¹ N.B.-N.C.-
 [N.M.-Minn.
clavicornis || Lec. 53-281¹
basilaris Say 23-191¹ Me.-N.C.-Cal.-Alb.
spenciana Kby. 37-108¹
cadaverinus Mannh. 43-82¹
brunnicornis Mannh. 53-176¹
egenus Horn 80-256¹ Alas.-Cal.
hornianus Blanch. 15-294¹ Que.-N.C.B.C.
SCIODREPOIDES Hatch 33-224¹
 (*Sciodrepa* of Ganglb.)¹
terminans Lec. 50-218¹ B.C.-N.B.-Ill.
fumata of Hatch 27-15¹

Prionochaeta Horn 80-260¹

- * *opaca* Say 25-184¹ Que.-N.C.-Ark.-
 [Minn.

Catoptrichus Murray 56-461¹

- * *frankenhæuseri* Mannh. 52-332¹
 [Alas.-Wash.

Coloninae¹**Colon** Hbst. 97-224¹

- * *COLON* (s.str.)¹
paradoxus Horn 80-270¹ Pa. D.C.
CURVIMANON Fleisch. 09-246¹
bidentatum Sahlb. 17-95¹ Eur. B.C. Alb.
 [N.J.
MYLOECHUS Latr. 07-30¹
hubbardi Horn 80-270¹ Mich. Tenn. O.
productum Hatch 33-229 Mich.
excisum Hatch 33-229 N.C.
kincaidi Hatch 33-229 Wash.

- dentatum* Lec. 53-282¹ N. J. Que. O.
putum Horn 80-272¹ N.Y.
putatum Hatch 28-225¹
rufum Hatch 33-230 W.Va.
discretum Hatch 33-230 B.C.
rectum Hatch 33-231 W.Va.
pribilof Hatch 33-231 Alaska
schwarzi Hatch 33-232 N.C. Mich.
magnicollis Mannh. 53-177¹ N.Y. O. Wis. Colo.
pusillum Horn 80-273¹ Y.T. Que.-D.C.
thoracicum Horn 80-274¹ Va.
asperatum Horn 80-274¹ Cal.-Me.

LEIODIDÆ⁴

(*Liodesidae*, *Agathidiidae*, *Anisotomidae*,
Silphidae)

LEIODINI⁴**Hydnobius** Schm. 41-193⁴

- * *matthewsii* Cr. 74-74⁴ Cal.-B.C. Mo.
pallidum || Say 34-91⁴ [N.Y.
strigilatus Horn 80-280⁴ B.C. Nev.
arizonensis Horn 85-138⁴ Ariz.
obtusus Lec. 79-511^{4,5} Colo. B.C.
luggeri Hatch 27-18^{4,5} Alaska
longulus Lec. 79-511^{4,5} B.C.-Cal. Colo.
longidens Lec. 79-511⁴
substriatus Lec. 63-25^{4,5} N.S.-N.Y.-
curvidens Lec. 79-511⁴ [Wash.
laticeps Notm. 20-27^{4,5} N.Y.
pumilus Lec. 79-511^{4,5} Que. Colo. Cal.
latidens Lec. 79-512^{4,5}
kiseri Hatch 36-35 Wash.
lobatus Hatch 36-35 Wash.
femoratus Hatch 36-36 Wash. B.C.

* * *

- validus* Brown 32-202 (*Leiodes*)⁶ Que.

Typhloleiodes Hatch 35-116

- * *subterraneus* Hatch 35-116 Ore.

Triarthron Märk. 40-141⁴

- * *lecontei* Horn 68-131⁴ Ore. Cal.
cedonulli Schaaf. 82-43⁴
pennsylvanicum Horn 83-284⁴ Pa.

Leiodes Latr. 02-163⁴

- * (*Anisotoma* Schmidt 41-143, not
 [Panz.]^{4,5}

(*Liodes* Reitt. 84-93)⁴

LEIODES (s.str.)⁴

- alternata* Melsh. 46-103⁴ Ga.
americana Knoch MS⁴
canadensis Brown 28-141⁴ Sask. Man.
oklahomensis Brown 28-142⁴ B.C.
horni Hatch 29-36⁴ Cal. Ore.
humeralis || Horn 80-285⁴
valida Horn 80-285⁴ N.H.-Colo.-B.C.
serripes Hatch 36-37 Wash.
merkeliana Horn 95-234⁴ Wash.

¹ Hatch—33.

² Placed in genus *Ptomaphagus*, Jeannel—33.

⁴ Hatch—29.

⁵ Hatch—36.

⁶ Hatch in lit.

- assimilis* Lec. 50-221⁴ N.H.-Colo.-B.C.
punctatostriata Kby. 37-110⁴ Alas.-B.C.
indistincta Lec. 50-221⁴ [N.H.
laeta Mannh. 53-201⁴
difficilis Horn 80-285⁴ Cal.
collaris Lec. 50-221⁴ N.H.-Cal.-B.C.
similis Fall 10-5⁴ Cal.
curvata Mannh. 53-202⁴ Alas.-Cal.
morula Lec. 59-282⁴
opacipennis Fall 10-5⁴ Tex.
antennata Fall 10-6⁴ Cal.
lateritia Mannh. 52-345⁴ Alaska
PSEUDOHYDNOBIUS Ganglb.
[99-208⁵
(*Parahydnobius* Fleisch.
[08-18)⁵
conferta Lec. 66-367^{4 5} Ill. Pa.
paludicola Cr. 74-74^{4 5} Cal.
strigata Lec. 50-221^{4 5} Mich. Colo. B.C.
OREOSPHAERULA Ganglb.
[96-181⁴
obsoleta Melsh. 46-107⁴ Atl.St.-Cal.
sculpturata Fall 10-6⁴ Ariz.
puritana Fall 25-310⁴ Mass.
fusciclava Fall 25-311⁴ Cal.
Anogdus Lec. 66-369^{4 7 8}
* *luggeri* Hatch 27-17⁴ Minn.
dissimilis Blatch. 16-93^{4 7} Fla.
capitatus Lec. 66-319^{4 7} Fla.
Cainosternum Notm. 21-148⁴
* *imbricatum* Notm. 21-148⁴ N.Y.
Colenis Er. 41-221⁴
* (*Colensia* Fvl. 02-287)⁴
(*Pseudoliodes* Port. 26-77)⁴
impunctata Lec. 53-284⁴ Fla.-La.-Mich.

AGATHIDIINI⁴
Anisotoma Panz. 97-8^{4 9}
* (*Pentatoma* || Schneid. 92-2)⁴
(*Leiodes* || Schmidt 41-132)⁴
(*Liodes* Er. 45-87)⁴
blanchardi Horn 80-298^{4 7} Que.Mass.O.
geminata Horn 80-299^{4 7} Que.-N.C.-Ill.
confusa Horn 80-299^{4 7} Nev.
insterstitialis Hatch 36-38^{10 7 11} Wash.
globososa Hatch 29-56^{4 7} Que.-Ky.-Nev.-
globosa || Lec. 50-222^{4 7} [B.C.
inops Brown 37-198 N.B.-Ont.-N.H.
nevadensis Brown 37-199 Nev.
bicolor || Horn 80-297^{7 12}
expolita Brown 37-199 Ont.-Ga.-Mich.
polita || Lec. 53-285⁷
basalis Lec. 53-285^{4 7} Mich. Ill. Ind.
dichroa Lec. 53-285^{7 12}
amica Brown 37-201 Que. Ont. B.C.
obsoleta Horn 80-298^{4 7} N.B.-Va.
errans Brown 37-202 Que. Ont. B.C.
discolor Mels. 46-103^{4 7} Can.-Va.-Mich.
piceum Mels. 44-103⁷
Stetholiodes Fall 10-4⁴
* *laticollis* Fall 10-4⁴ Ind.
Neocyrtusa Brown 37-161
* *obsoleta* Melsh. 46-107⁷ D.C. N.C.
blandissima Zimm. 69-250^{4 13}
secreta Brown 37-163 Ont.
superans Fall 10-7^{7 13} Ont.-Alb.
puritana Fall 25-310⁷ Ont. Mass.
potens Brown 32-205⁷ Que. Ont.
insolita Brown 37-170 B.C. Sask.
?fusciflava Fall 25-311⁷ Cal.
?sculpturata Fall 10-6⁷ Ariz.
Lionothus Brown 37-170
* *ulkei* Brown 37-171 D.C.
blandissima of Horn 80-294⁷
Cyrtusa Er. 42-221⁷
* *luggeri* Hatch 27-17⁷ Que.-Mich.-B.C.
Cænocyrtusa Brown 37-172
* *picipennis* Lec. 63-25^{7 13} Que.-D.C.-B.C.
Apheleplastus Brown 37-173
* *egenus* Lec. 53-284^{7 13} Que.-Ga.-Mich.
impubis Zimm. 69-251⁷
Isoplastus Horn 80-277^{4 7}
* *fossor* Horn 80-295^{4 7} Que.-D.C. Mich.
Agathidium Panz. 97-13¹⁴
* AGATHIDIUM (s.str.)¹⁴
oniscoides Beauv. 05-160^{14 15} Can.-Ga.-
piceum Mels. 44-103⁴ [Miss. Mex.
globatile Lec. 78-598⁴
rubellum Fall 34-105¹⁴ N.C.
compressidens Fall 34-106¹⁴ N.C. N.H.
exiguum Melsh. 44-103^{14 15} Can.-Fla.-
ruficorne Lec. 50-222⁴ [Colo. Guat.
minutum Melsh. MS⁴
dentigerum Horn 80-301^{14 15} Va. N.C.
alutaceum Fall 34-107¹⁴ Alaska
californicum Horn 80-301^{14 15} Cal.
[B.C. Guat.
depressum Fall 34-108¹⁴ Alas.-Cal.-
[Ill.-Que.
jasperanum Fall 34-109¹⁴ Alb. Y.T.
dubitans Fall 34-110¹⁴ N.M.
revolvens Lec. 50-222^{14 15} Alas.-Cal.-
[Mich.
cavisternum Fall 34-111¹⁴ B.C.
virile Fall 01-219^{14 15} S.Cal.
conjunctum Brown 33-46^{14 15} Nev.-B.C.
omissum Fall 34-113¹⁴ Mont.
NEOCEBLE Gozis 86-16¹⁴
sexstriatum Horn 80-302^{14 15} Cal. Nev.
bistriatum Horn 80-303^{14 15} Cal. Nev.
estriatum Horn 80-303^{14 15} Colo.
parvulum Lec. 78-598^{14 15} L.Sup.
parile Fall 34-117¹⁴ Cal.

⁷ Brown—37.⁸ Placed near *Cyrtusa* by Brown—37.⁹ Credited to Illiger, Hatch—36.¹⁰ Hatch—38.¹¹ As synonym of *confusa*, Brown—37.¹² As variety by Hatch—29.¹³ Placed in *Cyrtusa* (*Zeadolopus* Brown =) by Hatch—29.¹⁴ Hatch—36.¹⁵ Fall—34.

- rusticum Fall. 34-117¹⁴ N.H. Mass.
 lætum Fall 34-118¹⁴ Cal.
 contiguum Fall 34-119¹⁴ Wash.
 athabascanum Fall 34-119¹⁴ Alb.
 alticola Fall 34-120¹⁴ N.H.
 columbianum Fall 34-121¹⁴ B.C.
 rotundulum Mannh. 52-370^{14 15} Alas.-Cal.
 brevisternum Fall 34-122¹⁴ Cal.
 atronitens Fall 34-122¹⁴ Ill. D.C. Mo.
 repentinum Horn 80-303¹⁴ N.H. Mont.
 politum Lec. 66-370^{14 15} Can.-R.I.-Mo.
 maculosum Brown 28-145^{14 15} B.C. Wash.
maulosum Brown 28-230¹⁴
v.franciscanum Fall 34-126¹⁴ Cal.
 klincaidi Hatch 36-39 Wash.
 pulchrum Lec. 53-286^{14 15} N.H. Ky.
 (Wash. Cal.
mandibulatum Mannh. 53-203¹⁴
 varipunctatum Hatch 36-40 Wash.
 picipes Fall 34-130¹⁴ Cal.
 difforme Lec. 50-222^{14 15} N.H. Mich.
canadensis Brown 30-89^{14 15}
 CYPHOCEBLE Thoms. 59-59¹⁴
 angulare Mannh. 52-369^{14 15} Alas.-Cal.-
 [Ariz. Colo.
 concinnum Mannh. 52-370^{14 15} Alas.-
 [Cal.-Ariz.-Colo.
effluens Mannh. 53-202¹⁴
 munciceps Fall 34-171¹⁴ N.H.
temporale || Fall 34-127^{14 15}
 assimile Fall 34-128¹⁴ Ind. N.H.
 mollium Fall 34-128¹⁵ N.H. Me.
 Aglyptinus Ckll. 06-240⁴
 * (*Aglyptus* Lec. 66-369)⁴
 (*Aglyptonotus* Champ. 13-65)⁴
 lævis Lec. 53-284⁴ E.Can.-Ga.-La.

STAPHYLINIDÆ

- Trigonurus Muls. & Rey 47-515¹
 * cælatus Lec. 74-48¹ Cal.
rugosus Shp. 75-204¹
 crotchii Lec. 74-48¹ Cal.-Alas.
lecontei Shp. 75-205¹
lecontei of authors¹
 edwardsi Shp. 75-205¹ Cal. Wash.
 dilatcollis VanD. 34-179¹ Cal B.C.³
 (subcostatum Mäkl., belongs in
 [Lathrimæum]¹
 Thoracophorus
 brevicristatus Horn 71-332¹ Mex. W.I.
 [Fla. Ariz.

Olophrum Er. 37-622³

- * (*Lathrium* Lec. 50-21)³
 obtectum Er. 40-865³ Me.-Pa.
emarginatum Er. 40-868³
rotundicollis || Say 34-464³
 latum Mäkl. 53-194^{3 4} Alaska
 boreale Payk. 92-146^{5 6} Eur. Bear Id.
 [Que. N.W.T.
marginatum Kby. 37-89^{3 8}
 parvulum Mäkl. 53-195³ Alaska
 marginatum Mäkl. 53-196³ Alaska
 consimile Gyll. 10-199³ Eur. Sib.
 [Alas.-N.Y.
v.minor J. Sahlb. 76-424³ ?N.A.
 rotundicollis C.R. Sahlb. 27-231³ Eur.
 [Sib.Newf.-Mich.-N.W.T.
convexicollis Lec. 50-21³
 convexum Mäkl. 53-195³ Alaska

Orobanus Lec. 78-453⁷

- * montanus Mank. 34-121 Mont.
 mormonus Mank 34-122 Utah
 falli Mank 34-122 Cal.
 densus Csy. 86-246⁷ Cal.
 rufipes Csy. 86-245⁷ Cal.
 simulator Lec. 78-453⁷ Colo. B.C.

Boreaphilus Sahlb. 34-433

- * americanus Notm. 18-188⁸ N.J.
 nearcticus Blair 33-95⁶ No.Que.

Deleaster

- dichrous Grav. 02-188^{7 10} Eur. Que.

Trogophloeus

- fulvipes Er. 40-804¹ S.A. C.A. W.I.
rubripennis Fvl. 63-440¹ [Fla.-Cal.
senilis Shp. 80-51¹ [Hawaii
texanus Csy. 89-334¹

Oxytelus

- insignitus Grav. 06-188¹ S.A. C.A.
 [W.I. N.A. Eur. Atl.Is. Pac.Is.
americanus Mannh. 30-48¹
pumilio Boh. 58-34¹

Bledius

- philadelphicus Fall 19-26¹¹
dissimilis || Fall 10-107¹¹
 falli Wend. 28-298¹¹

Paralispinus

- exiguus Er. 40-830¹ S.A. C.A. W.I.
laevigatus Kr. 59-188¹ [Fla.-La.
rufescens Lec. 63-59¹ [Orient
rufus Fvl. 65-60¹ [Hawaii
faureli Shp. 76-392¹
aruensis Fvl. 78-200¹
pallens Blackb. 85-126¹

³ Revision of genus, Scheerpeltz—29.⁴ Voris in litt.⁵ Blair—33.⁶ Brown—37.⁷ Rearrangement of genus, Mank—34.⁸ Leng Catalog.⁹ Chagnon—34.¹⁰ Jules—35.¹¹ Fall in litt.⁴ Hatch—29.¹⁴ Hatch—36.¹⁵ Fall—34.³ Blackwelder in MS.³ R. Hoppling—36.

Stenus

- falli Scheerp. 33-1154 Alas. Y.T.
frigidus || Fall 26-59¹²

PAEDERINI¹³**Thinocharis** Kr. 59-142¹³

- SCIOCHARIS Lynch 84-260¹³
 carolinensis Csy. (Sciocharis)
 congruens Csy. (Sciocharis)
 nubipennis Csy. (Sciocharis)
 SCIOCHARELLA Csy. 05-151¹³
 exilis Er. 40-627¹ S.A. C.A. W.I.
atrata Lynch 84-265¹ [Fla. Ala.
fragilis Shp. 86-574¹
minuta Shp. 86-574 (Sciocharis)¹
delicatula Csy. 05-159 (Sciocharis)¹
pertenuis Csy. 10-188¹

Lithocharis Bois. & Lac. 35-431¹³

- (*Arthocharis* Cam. 21-372)¹³
 (*Metaxyodonta* Csy. 86-29)¹³
 (*Sunius* Steph. 32-274, not Er.)¹³
 LITHOCHARIS (s.str.)¹³
 ochracea Grav. 02-59¹ S.A. C.A. W.I.
 [U.S. Eur. Afr. India, China, Pac.Is.
rubricollis Grav. 06-138¹
testacea Bois. & Lac. 35-432¹
brunniceps Fairm. 49-290¹
fastidiosa Fairm. & Germ. 61-433¹
alutacea Csy. 86-30¹
quadricollis Csy. 86-31¹
 simplex Csy.
 sonoricus Csy.

PSEUDOMEDON Muls. & Rey
[78-122¹³

- alabamæ Csy. (Pseudomedon)
 capitulus Csy. (Pseudomedon)
 clarescens Csy. (Pseudomedon)
 ruficollis Csy. (Pseudomedon)
 thoracicus Csy. (Pseudomedon)

Aderocharis Shp. 86-552¹³

- ADEROCHARIS (s.str.)¹³
 corticinus Grav.

Stilomedon Shp. 86-565¹³

- POLYMEDON Csy. 05-151¹³
 tabacinum Csy. (Polymedon)

Neomedon Shp. 86-557¹³

- arizonense Csy.

Hypomedon Muls. & Rey 78-122¹³

- (*Chlocharis* Lynch 84-259)¹³
 (*Euastenus* Fiori 15-10)¹³
 (*Hemimedon* Csy. 05-152)¹³
 Lena Csy. 05-189)¹³

HYPOMEDON (s.str.)¹³

- angustum Csy. (Hemimedon)
 curtipennis Scheerp. 33-1259¹²
brevipenne || Csy. 05-186 (Calo-
 [derma])¹²

- conjux Csy. (Caloderma)
 continens Csy. (Caloderma)
 contractum Csy. (Caloderma)
 debilicorne Woll. 57-194¹ S.A. C.A.
 [W.I. Fla.-S.C.-Tex. Eur. Asia.
brevicornis Allard 57-747¹
egyptiaca Mots. 58-644¹
occulta Waterh. 76-108¹
rufula Lynch 84-259¹
pallidus Fiori 15-10¹

- discolor Csy. (Caloderma)
 exile Csy. (Caloderma)
 luculentum Csy. (Caloderma)
 mobile Csy. (Caloderma)
 molle Csy. (Caloderma)
 peregrinum Csy. (Caloderma)
 pollens Csy. (Caloderma)
 quadripenne Csy. (Caloderma)
 reductum Csy. (Caloderma)
 rufipes Csy. (Hemimedon)
 tantillum Csy. (Caloderma)
 testaceum Csy. (Lena)

OLIGOPTERUS Csy. 86-12¹³

- (*Micromedon* Csy. 05-153)¹³
 (*Medonella* Csy. 05-154)¹³

- cuneicolle Csy. (Oligopterus)
 filum Csy. (Oligopterus)
 flexile Csy. (Oligopterus)
 minutum Csy. (Sciocharis)
 remotum Csy. (Oligopterus)

CALODERMA Csy. 86-5¹³

- angulatum Csy. (Caloderma)
 rugosum Csy. (Caloderma)
 semibrunneum Csy. (Caloderma)

TRACHYSECTUS Csy. 86-32¹³

- confluentum Say (Trachysectus)

Medon Steph. 32-273¹³

- (*Oxymedon* Csy. 05-177)¹³

MEDON (s.str.)¹³

- americanum Csy.
 rubrum Csy. (Oxymedon)
 texanum Csy.

TETRAMEDON Csy. 05-178¹³

- rufipenne Csy. (Tetramedon)

PLATYMEDON Csy. 89-184¹³

- (*Paramedon* Csy. 05-166)¹³

- arizonicum Csy. (Paramedon)
 boreale Csy. (Paramedon)
 conforme Csy. (Paramedon)
 consanguineum Csy. (Paramedon)
 contiguum Csy. (Paramedon)
 convergens Csy.
 caseyi Scheerp. 33-1256¹²
debilis || Csy. 05-174 (Paramedon)¹²
 difforme Csy. (Paramedon)
 distans Csy. (Paramedon)
 explicans Csy.
 gregale Csy. (Paramedon)
 gulare Csy. (Paramedon)
 helenæ Csy.
 humboldti Csy. (Paramedon)
 inquilinum Csy.
 insulare Csy.
 kernianum Csy. (Paramedon)
 lacustre Csy.

¹² Scheerpeltz—33.¹³ A generic revision of the Pæderini of the world, Blackwelder—39. Species examined are listed with indication of their former position if different from the present, but the list is not complete. See original catalog for citations, localities, and synonymy of the species.

languidum Csy. (Paramedon)
 laticolle Csy. (Platymedon)
 latiusculum Csy. (Paramedon)
 lepidum Csy.
 luctuosum Csy. (Paramedon)
 malacum Csy. (Paramedon)
 mimulum Csy. (Paramedon)
 montanum Csy. (Paramedon)
 nevadicum Csy. (Platymedon)
 nitidulum Csy.
 oriens Csy. (Paramedon)
 pallescens Csy. (Paramedon)
 pallidipenne Csy. (Paramedon)
 puberulum Csy.
 retrusum Csy. (Paramedon)
 sinuatocolle Csy.
 shastanicum Csy. (Paramedon)
 sublestum Csy. (Paramedon)
 sub simile Csy. (Paramedon)
 tahoense Csy. (Paramedon)
 vancouveri Csy. (Paramedon)
MEDONODONTA Csy. 05-176 ¹³
 alutaceum Csy. (Medonodonta)

Orus Csy. 84-136 ¹³**ORUS** (s.str.)¹³

boreellus Csy.
 deceptor Csy.
 distinctus Csy.
 filius Csy.
 fraternus Fall
 caseyanus Scheerp. 33-1265 ¹²
longicollis || Csy. 05-197 ¹³
 montanus Fall
 pallidus Csy.
 parallelus Csy.
 pinalinus Csy.
 provensus Csy.
 pugetanus Csy.
 punctatus Csy.
 robustulus Csy.
 shastanus Csy.
 sonomæ Csy.

Cal.

LEUCORUS Csy. 05-191 ¹³

ferrugineus Csy. (Leucorus)
 luridus Csy. (Leucorus)
 ochrinus Csy. (Leucorus)
 rubens Csy. (Leucorus)

PYCNORUS Csy. 05-194 ¹³

dentiger Lec. (Pycnorus)
 iowanus Csy. (Pycnorus)

Scopæus Er. 40-604 ¹³

(*Leptorus* Csy. 86-217)¹³
 (*Polyodontus* Sol. 49-310)¹³
 (*Pseudorus* Csy. 10-190)¹³
 (*Scoponeus* Mots. 58-641)¹³

SCOPÆUS (s.str.)¹³

angustissimus Csy.
 arizonæ Csy.
 bicolor Csy.
 brachypterus Csy.
 carolinæ Csy.
 cervicula Csy. (Pseudorus)
 crassulus Csy.
 degener Csy.

delicatus Csy.
 exiguus Er.
 gilensis Csy.
 hudsonicus Csy.
 longiceps Csy.
 macilentus Csy.
 notangulus Csy.
 picipes Csy.
 proluxipennis Csy. (Pseudorus)
 quadripennis Csy.
 saginellus Csy.
 spectralis Csy. (Pseudorus)
 texanus Csy.
 versicolor Csy.

SCOPÆODERA Csy. 86-217 ¹³

nitidus Lec. (Scopæodera)
 sonoricus Csy. (Scopæodera)

SCOPÆOPSIS Csy. 05-191 ¹³

duryi Csy. (Scopæopsis)
 elaboratus Csy. (Scopæopsis)
 opacus Lec. (Scopæopsis)
 pallens Csy. (Scopæopsis)
 ventralis Csy. (Scopæopsis)

SCOPÆOMA Csy. 05-191 ¹³

angusticeps Csy. (Scopæoma)
 caseyi Scheerp. 33-1265 ¹² Colo.
procerus || Csy. 05-213 (Scopæo-
 [ma])¹²
 notmani Scheerp. 33-1268 ¹²
pallidus || Notm. 21-152 (Scopæo-
 [ma])¹²
 puritanus Csy. (Scopæoma)
 rotundiceps Csy. (Scopæoma)
 truncaticeps Csy. (Scopæoma)

Megastilicus Csy. 89-183 ¹³

formicarius Csy.

Stilicolina Csy. 05-228 ¹³

(*Omostilicus* Csy. 05-229)¹³
 sonorina Csy. (Omostilicus)
 tristis Melsh.

Pachystilicus Csy. 05-226 ¹³

hanhami Wickh.

Stilicus Latr. 25-495 ¹³

(*Rugilus* Curt. 27-168)¹³
 (*Stilicosoma* Csy. 05-219)¹³

abbreviellus Csy.
 angularis Er.
 apicalis Csy.
 biarmatus Lec.
 dentatus Say
 lacustrinus Csy.
 latiusculus Csy.
 luculentus Csy.
 minusculus Csy.
 nigrolucens Csy.
 opaculus Lec.
 oregonus Csy.
 rudis Lec.

Acrostilicus Hubb. 96-299 ¹³

hospes Hubb.

¹² Scheerpeltz—33.¹³ Blackwelder—39.

Lathrobium Grav. 02-51¹³(Centrocnemis Jos. 68-365)¹³**LATHROBIUM** (s.str.)¹³(Litolathra Csy. 05-71)¹³

amplipenne Csy.
 amputans Csy. (Litolathra)
 armatum Say
 leconteanum Scheerp. 33-1278¹²
 concolor || Lec. 63-44 (Litolathra)¹²
 confusum Lec. (Litolathra)
 convictor Csy. (Litolathra)
 crurale Csy. (Litolathra)
 dakotanum Csy. (Lathrobioma)
 deceptivum Csy.
 divisum Lec.
 franciscanum Csy.
 gravidulum Csy.
 hesperum Csy. (Lathrobioma)
 illini Csy.
 innocens Csy.
 inops Csy. (Lathrobioma)
 inornatum Csy. (Litolathra)
 longiventre Csy.
 neglectum Csy.
 nigrolineum Csy. (Lathrobioma)
 nigrolucens Csy.
 obtusum Csy.
 oregonum Csy. (Lathrobioma)
 othioides Lec. (Lathrobioma)
 picescens Csy.
 postremum Csy.
 prælongum Csy.
 procerum Csy.
 rhodeanum Csy. (Litolathra)
 rigidum Csy.
 scolopaceum Csy. (Lathrobioma)
 simile Lec.
 simplex Lec.
 sparsellum Csy.
 spissicorne Csy.
 subæquale Csy.
 subgracile Csy. (Litolathra)
 suspectum Csy. (Litolathra)
 vancouveri Csy.
 virginicum Csy. (Lathrobioma)
 washingtoni Csy.

LATHROLEPTA Csy. 05-72¹³

debile Lec. (Lathrolepta)

DERATOPEUS Csy. 05-73¹³

nanulum Csy. (Lathrobioma)
 nitidulum Lec. (Deratopeus)
 parvipenne Csy. (Deratopeus)
 semirubidum Csy. (Litolathra)

TETARTOPEUS Czwal. 88-349¹³

agitans Csy. (Tetartopeus)
 angulare Lec. (Tetartopeus)
 callidum Csy. (Tetartopeus)
 captiosum Csy. (Tetartopeus)
 finitimum Lec. (Tetartopeus)
 floridanum Csy. (Tetartopeus)
 furvulum Csy. (Tetartopeus)
 hebes Csy. (Tetartopeus)
 lacustre Csy. (Tetartopeus)
 nigerum Lec. (Tetartopeus)
 nigrescens Csy. (Tetartopeus)

punctulatum Lec. (Tetartopeus)

rubripenne Csy. (Tetartopeus)

semirubrum Csy. (Tetartopeus)

stibium Csy. (Tetartopeus)

terminatum Grav. (Tetartopeus)

tetricum Csy. (Tetartopeus)

ABLETOBIUM Csy. 05-70¹³

pallescens Csy. (Abletobium)

APTERALIUM Csy. 05-70¹³

brevipenne Lec. (Apteralium)

carolinæ Csy. (Apteralium)

LATHROBIOPSIS Csy. 05-72¹³

texana Csy. (Lathrobiopsis)

LATHROBIOMA Csy. 05-72¹³

tenue Lec. (Lathrobioma)

Lobrathium Muls. & Rey 78-29¹³(Bathrolium Gozis 86-14)¹³(Lathrobiella Csy. 05-75)¹³(Lathrotaxis Csy. 05-74)¹³**EULATHROBIUM** Csy. 05-73¹³(Lathrotropis Csy. 05-74)¹³

caseyi Blais. (Lathrotropis)

gnomum Csy. (Lathrotropis)

grande Lec. (Eulathrobium)

jacobinum Lec. (Lathrotropis)

puncticeps Lec. (Lathrotropis)

relictum Csy. (Lathrotropis)

subseriatum Lec. (Lathrotropis)

ustulatum Csy. (Lathrotropis)

vafrum Csy. (Lathrotropis)

validiceps Csy. (Lathrotropis)

PSEUDOLATHRA Csy. 05-74¹³(Linolathra Csy. 05-75)¹³(Microlathra Csy. 05-75)¹³(Paralathra Csy. 05-75)¹³

æmulum Csy. (Lathrobiella)

ambiguum Lec. (Lathrobiella)

anale Lec. (Pseudolathra)

angustum Csy. (Lathrobiella)

angustum Csy. (Lathrotaxis)

atriventre Csy. (Lathrobiella)

bardum Csy. (Lathrobiella)

cupidum Csy. (Lathrobiella)

depressulum Csy. (Lathrobiella)

dimidiatum Say (Linolathra)

famelicum Csy. (Lathrobiella)

filicorne Csy. (Paralathra)

filitarse Csy. (Linolathra)

perfragile Scheerp. 33-1280¹²fragile || Csy. 05-139 (Lathrobiella)¹³

gaudens Csy. (Linolathra)

gracilicorne Csy. (Lathrobiella)

habile Csy. (Lathrobiella)

inviolatum Scheerp. 33-1277¹²integrum || Csy. 05-141 (Lathro-
[biella])¹²

leviceps Csy. (Pseudolathra)

lineiforme Csy. (Microlathra)

lituarium Lec. (Linolathra)

merens Csy. (Lathrobiella)

modestum Csy. (Lathrobiella)

nigricans Csy. (Lathrobiella)

oregonense Csy. (Lathrobiella)

pallidulum Lec. (Microlathra)
robustum Csy. (Lathrobiella)
rubidum Csy. (Lathrobiella)
rutilans Csy. (Microlathra)
tricolor Csy. (Lathrobiella)
vagans Csy. (Lathrobiella)
ventralis Lec. (Lathrobiella)

LOBRATHIUM (s.str.)¹³

acomantum Csy. (Lathrotaxis)
atronitens Csy. (Lathrotaxis)
caseyanum Scheerp. 33-1274¹²
 bipartitum || Csy. 05-122¹²
californicum Lec. (Lathrotaxis)
canorum Csy. (Lathrotaxis)
centurio Csy. (Lathrotaxis)
collare Er. (Lathrobiella)
coloradense Csy.
expressum Csy. (Lathrotaxis)
fallaciosum Csy. (Lathrotaxis)
fallax Csy. (Lathrobiella)
floridæ Csy. (Lathrotaxis)
galvestonicum Csy. (Lathrotaxis)
longiusculum Grav. (Lathrotaxis)
montanicum Csy.
politum Grav. (Lathrotaxis)
præceps Csy. (Lathrotaxis)
rubricollis Csy. (Lathrotaxis)
soror Csy. (Lathrotaxis)
tacomæ Csy.

Acalophæna Shp. 86-554¹³

(*Calophana* Lynch 84-267)¹³
compacta Csy.

Dacnochilus Lec. 63-47¹³

lætus Lec.

Pæderus Fabr. 75-268¹³

(*Pæderomorphus* Gaut. 62-75)¹³

PÆDERUS (s.str.)¹³

(*Leucopæderus* Csy. 15-59)¹³

(*Pæderidus* Muls. & Rey

[78-245])¹³

(*Pæderillus* Csy. 05-59)¹³

canonicus Csy.
carolinæ Csy.
compotens Lec.
femoralis Lec.
floridanus Aust.
grandis Aust.
iowensis Csy.
littorarius Grav.
nevadensis Aust.
obliteratus Lec.
pugetensis Lec.
riparius Linn.
saginatus Csy.
texanus Csy.
ustus Lec.

NEOPÆDERUS Blkwr. 39-97¹³

littoreus Aust.
palustris Aust.

Lissobiops Csy. 05-25¹³
serpentinus Lec.

Homœotarsus Hochh. 51-34¹³

(*Spirosoma* Mots. 58-206)¹³

GASTROLOBIUM Csy. 05-23¹³

arizonensis Horn (Gastrolobium)
atriceps Csy. (Gastrolobium)
badius Grav. (Gastrolobium)
bicolor Grav. (Gastrolobium)
carolinus Er. (Gastrolobium)
coloradensis Csy. (Gastrolobium)
convergens Csy. (Gastrolobium)
despectus Lec. (Gastrolobium)
floridanus Lec. (Gastrolobium)
illinianis Csy. (Gastrolobium)
lecontei Horn (Gastrolobium)
melanocephalus Er. (Gastrolobium)
obliquus Lec. (Gastrolobium)
parallelus Csy. (Gastrolobium)
peninsularis Csy. (Gastrolobium)
pimerianus Lec. (Gastrolobium)
proximus Csy. (Gastrolobium)
spissiceps Csy. (Gastrolobium)
strenuus Csy. (Gastrolobium)
subatrus Csy. (Gastrolobium)
suturalis Csy. (Gastrolobium)
texanus Lec. (Gastrolobium)
vagus Horn (Gastrolobium)
ventralis Horn (Gastrolobium)
virginicus Csy. (Gastrolobium)

HESPEROBIUM Csy. 05-33¹³

atronitens Csy. (Hesperobium)
californicus Lec. (Hesperobium)
capito Csy. (Hesperobium)
cinctus Say (Hesperobium)
clavicornis Csy. (Hesperobium)
cribratus Lec. (Hesperobium)
flavicornis Lec. (Hesperobium)
pacificus Csy. (Hesperobium)
pallipes Grav. (Hesperobium)
parviceps Csy. (Hesperobium)
rubripennis Csy. (Hesperobium)
sellatus Csy. (Hesperobium)
tumidus Lec. (Hesperobium)
vancouveri Csy. (Hesperobium)

Cryptobium Mannh. 30-38¹³

ABABACTUS Shp. 85-533¹³

pallidiceps Csy. (Ababactus)

NEOBACTUS Blkwr. 39-96¹³

nunenmacheri Blkwr. 39-96

Biocrypta Csy. 05-26¹³

magnolia Blatch.
prospiciens Lec.

Stillicopsis Sachse 52-144¹³

paradoxa Sachse
subtropica Csy.

¹³ Scheerpeltz—33.

¹³ Blackwelder—39.

Stamnoderus Shp. 86-607 ¹³

- carolinæ* Csy.
monstrosus Lec.
pallidus Csy.

Astenus Steph. 32-275 ¹³

- (*Astenognathus* Reitt. 09-150) ¹³
 (*Sunius* Er. 39-523, not Steph.) ¹³

ASTENUS (s.str.) ¹³

- americanus* Csy.
arizonianus Csy.
binotatus Say
brevipennis Aust.
californicus Aust.
cinctus Say
discopunctatus Say
fusciceps Csy.
inconstans Csy.
linearis Er.
longiusculus Mannh.
ornatellus Csy.
prolixus Er.
robustus Csy.
sectator Csy.
similis Aust.
simulans Csy.
specter Csy.
strigilis Csy.
tenuiventris Csy.
zuni Csy.
sinuaticollis Brg. 34-29 Pa.

Echiaster Er. 40-636 ¹³**ECHIASTER** (s.str.) ¹³

- ludovicianus* Csy.
LEPTOGENIUS Csy. 86-214 ¹²
brevicornis Csy. (*Leptogenius*)

* * *

Leptacinus ¹

- parumpunctatus* Gyll. 27-481 ¹ W.I. N.A.
 [Eur. Afr. Asia, Australia]

- longicollis* Steph. 33-259 ¹
ampliventris Duval 54-37 ¹
radiosus Peyron 58-421 ¹
pallidipennis Mots. 58-206 ¹
tricolor Kr. 59-110 ¹
flavipennis Kr. 59-111 ¹
amissus Fairm. & Coqu. 60-158 ¹
breviceps Waterh. 77-24 ¹
papuensis Fvl. 78-242 ¹
sardous Fiori 94-94 ¹
rubricollis Reitt. 99-157 ¹
fauveli Cam. 22-114 ¹

¹ Blackwelder in MS.**STAPHYLININI****Diochus** Er. 39-300

- * *nanus* Er. 39-301 ¹ S.A. C.A. W.I. N.A.
schaumi Kr. 60-27 ¹
parvulus Kr. 60-27 ¹
longicornis Shp. 76-184 ¹
vicinus Shp. 76-185 ¹
tarsalis Shp. 76-185 ¹
flavicans Shp. 76-185 ¹
inornatus Shp. 85-466 ¹
villis Shp. 85-467 ¹
maculicollis Fvl. 91-106 ¹
brevipennis Csy. 06-431 ¹
thoracicus Csy. 06-432 ¹
pallidiceps Csy. 06-432 ¹
perplexus Cam. 22-116 ¹
apicipennis Cam. 22-116 ¹
antennalis Cam. 22-117 ¹
pumilio Bnhr. 29-193 ¹

Philonthus

- lacustrinus* Scheerp. 33-1347 ¹²
lacustris || Csy. 15-432 ¹²
thermarum Aube 50-316 ¹ S.A. W.I. Mo.
 [D.C. Eur. Asia, Afr.
exilis Kr. 51-292 ¹
angustatus Kr. 59-92 ¹
pygmaeus Kr. 59-93 ¹
fuscolaterus Mots. 59-76 ¹
inclinans Walker 59-51 ¹
flavolimbatus Er. 40-471 ¹ S.A. C.A.
 [W.I. Fla.-Cal.
apicipennis Lynch 84-155 ¹
hepaticus Er. 40-451 ¹ S.A. C.A. W.I.
 [Cal. Nev. Ariz. Pa. Kan. Australia
vilis Er. 40-451 ¹
orphanus Er. 40-452 ¹
nanus Melsh. 46-36 ¹
cinctulus Melsh. 46-37 ¹
palleolus Melsh. 46-37 ¹
rufipennis Sol. 49-317 ¹
varicolor Boh. 58-29 ¹
pyropterus Kr. 59-12 ¹
pauxillus Solsky 67-133 ¹
parvimanus Shp. 85-406 ¹
cinctulus Bnhr. & Schub. 14-341 ¹
varians Payk. 89-45 ¹ W.I. N.A. Eur.
 [Afr. Asia.

- bipustulatus* Grav. 02-37 ¹
aterrimus Marsh. 02-513 ¹
nitens Grav. 02-26 ¹
opacus Grav. 02-26 ¹
bimaculatus Marsh. 02-525 ¹
intaminatus Steph. 32-235 ¹
lituratus Steph. 32-238 ¹
punctiventris Steph. 32-235 ¹
unicolor Steph. 32-224 ¹
costatus Baudi 48-29 ¹
incompletus Hochh. 49-153 ¹
scutatus Epp. 95-127 ¹
alpigradus Muls. & Rey 75-481 ¹
proteus Everts 22-124 ¹
brunneipennis Everts 22-124 ¹
piceicornis Grid. 20-18 ¹
fuscicoxis Scheerp. 33-1366 ¹

- longicornis* Steph. 32-237¹ S.A. C.A.
[W.I. N.A. Eur. Afr. Asia, etc.]
fuscicornis Nord. 37-96¹
scybalarius Nord. 37-94¹
feralis Er. 40-469¹
promptus Er. 40-929¹
varians Fairm. 49-290 (not Payk.)¹
algericus Mots. 58-663¹
pedestris Walk. 59-51¹
asemus Kr. 59-86¹
perplexus Fairm. & Germ. 61-431¹
fumosus Sols. 63-134¹
luctabilis Olliff 87-501¹
linkei Bnhr. 08-34¹
rubromaculatus Bnhr. 15-9¹
piceicornis Grid. 20-18¹
ventralis Grav. 02-174¹ S.A. W.I. N.A.
[Eur. Asia, Afr.]
anthrax Grav. 02-176¹
immundus Grav. 06-66¹
celer Grav. 06-66¹
plicicollis Steph. 32-224¹
fulvipes Steph. 32-229 (not Fabr.)¹
rotundiceps Steph. 32-248¹
proximus Woll. 57-189¹
fortunatus Woll. 65-493¹
discoideus Grav. 02-38¹ W.I. N.A. Eur.
[Afr. Asia, Hawaii]
testaceus Payk. 89-23¹
suturalis Marsh. 02-509¹
lepidulus Steph. 32-223¹
conformis Bois. & Lac. 35-398¹
ruficornis Melsh. 46-38¹
rufipennis Gerh. 10-555¹
gerhardianus Scheerp. 33-1340¹
kessleri Blatch. 36-256
multipunctatus || Blatch. 10-389
- Belonuchus**
rufipennis Fabr. 01-597¹ S.A. C.A. W.I.
formosus Grav. 06-72¹ [N.A.]
apicalis Dej. 33-63¹
pallipes Melsh. 46-35¹
schæfferi Cooper 33-545 Tex.
- Cafius** Steph. 32-345¹⁴
* **CAFIUS** (s.str.)¹⁴
nudus Shp. 74-36¹⁴ Japan, Vanc.
johnsoni Fall 16-13¹⁴
BRYONOMUS Csy. 86-313¹⁴
canescens Makl. 52-313¹⁴ Cal.-Alas.
semitens Horn 84-236¹⁴ Cal.
EUREMUS Brg. 34-68¹⁴
decipiens Lec. 63-40¹⁴ Cal.
sulcicollis Lec. 63-40¹⁴ Cal.
luteipennis Horn 84-237¹⁴ L.Cal.-Vanc.
bistriatus Er. 40-502¹⁴ N.Y.-Fla. W.I.
bilineatus Er. 40-503¹⁴
rufifrons Brg. 34-68¹⁴
PSEUDOREMUS Koch 36-179¹⁴
opacus Lec. 63-40¹⁴ Cal.
lithocharinus Lec. 63-38¹⁴ Cal.
REMUS Holme 37-64¹⁴
sericeus Holme 37-64¹⁴ Eur. Atl.Cst.
faguayoi Brg. 34-66¹⁴ Atl.Cst.
femorialis Makl. 53-189¹⁴ Alas.-Cal.
- Staphylinus**
caseyi Scheerp. 33-1392
quadriceps || Csy. 25-149¹²
macgregori Cooper 33-264 Ariz.
globulifer Fourc. 85-164¹⁶ Eur. Que.
edentulus Block 99-115¹⁶
morio Grav. 02-6¹⁶
- Creophilus**
* *maxillosus* Linn. 58-421¹ C.A. W.I. N.A.
[Eur. Asia, Afr.]
anonymus Sulz. 61-17¹
balteatus DeG. 74-18¹
fasciatus Fuess. 75-21¹
nebulosus Fourc. 85-165¹
villosus Grav. 02-160¹
ciliaris Steph. 32-202¹
arcticus Er. 39-350¹
cinerarius Er. 39-350¹
bicinctus Mannh. 43-229¹
orientalis Mannh. 43-229¹
fulvago Mots. 60-120¹
imbecillus Shp. 74-28¹
medialis Shp. 74-28¹
subfasciatus Shp. 74-28¹
pulchellus Meier 99-99¹
canariensis Bnhr. 08-334¹
- Quedius**
caseyi Scheerp. 33-1435 Man.
curtipennis || Csy. 15-414¹²
- Anacyptus** Horn 77-87
(*Microcyptus* Horn 82-1)¹
* *testaceus* Lec. 63-30¹ W.I. Fla.-Ariz.-
[L.Sup.]
- Tachyporus** Grav. 02-124¹⁷
* *nitidulus* Fabr. 81-337¹⁷ Mass.-Va.-Cal.-
brunneus Fabr. 92-535¹⁷ [B.C.]
faber Say 34-468¹⁷
scitulus of Horn 77-105¹⁷
nanus Er. 40-240¹⁷ D.C. Pa. Mich.
ruromus Blkwr. 36-44 Alas.-Cal.-Mich.
tehamæ Blkwr. 36-45 Cal.
californicus Horn 77-104¹⁷ Cal.-Wash.
stejnegeri Blkwr. 36-47 Alaska
jocosus of Lin. & Schw. 98-333¹⁷
maculipennis Lec. 66-374¹⁷ Vt.-Ga.-
[N.M.-B.C.]
elegans Horn 77-103¹⁷ Mass.-W.Va.-
[Okla.-Man.]
snyderi Blkwr. 36-49 D.C.-Fla.-Ky.
temacus Blkwr. 36-49 Colo. Nev. Sask.
jocosus Say 34-466¹⁷ N.H.-Fla.-Cal.-
arduis Er. 40-237¹⁷ [Y.T.]
pulchrus Blatch. 10-447¹⁷ Ind.
oregonus Blkwr. 36-51 Ore. Cal.
acaudus Say 34-467¹⁷ Mass.-Ky.-N.M.-
[Wash.-Ont.]
maculicollis Lec. 66-374¹⁷
heteroceris Lec. MS¹⁷
angusticollis Lec. MS¹⁷
arizonicus Blkwr. 36-53 Ariz.
alleni Blkwr. 36-53 Ore.
mexicanus Shp. 83-311¹⁷ Mex. Tex.

¹ Blackwelder in Ms.¹⁴ Revision of genus, Koch—38.¹⁵ Described as valid species, Bierig—34.¹² Scheerpeltz—33.¹⁶ Chagnon—36.¹⁷ Revision of genus, Blackwelder—36.

Leucoparyphus Kr. 57-393

- * *silphoides* Linn. 67-684¹ W.I. N.A. Eur.
[Asia, Afr.]

suturalis Panz. 94-18¹
marginalis Grav. 02-192¹
limbatus Grav. 06-12¹
pictus Er. 39-246¹
geminatus Rand. 38-39¹

Coproporus Kr. 57-399¹⁵

- * (*Erchomus* Mots. 58-218)¹⁸
(*Cilea* Pand. 69-277, not Duval)¹⁸
ventriculus Say 34-466¹⁸ N.H.-Fla.-Cal.-
[Wash.-Man.]

acuductus Kby. 37-90¹⁸
affinis || Kby. 37-91¹⁸
gibbulus Er. 39-252¹⁸
punctulatus Melsh. 46-32¹⁵
flavidus Csy. 84-141¹⁸
politus || Manee 15-175¹⁵
maneei Scheerp. 34-1517

rutilus Er. 39-253¹⁸ S.A. C.A. W.I. Tex.
brevis Scriba 55-296 (not Sharp)¹⁸

lecontei Blkwr. 38-5 Ariz. Cal.
punctipennis || Lec. 63-31¹⁸

lævis Lec. 63-31¹⁸ Md.-Fla.-Tex.-Ind.
sparsus Blkwr. 38-7 Ariz.

hepaticus Er. 39-249¹ S.A. C.A. W.I.
convexus Er. 39-248¹ [Tex.-Cal.]

ignavus Shp. 76-87¹
inflatus Horn 77-107^{1 18}

arizonæ Blkwr. 38-8 Mex. Ariz. Tex.
pulchellus Er. 39-247¹ S.A. C.A. W.I.

cumanensis Scriba 55-297¹ [Fla.]
infimus Duval 57-33¹⁸
distans Shp. 76-92¹

Philotermes Kr. 57-13¹⁹

pilosus Kr. 57-14¹⁹ Mass.-D.C.-Ill.
fuchsii Kr. 57-15¹⁹ Fla.-Tenn.-Ark.
pennsylvanicus Kr. 57-15¹⁹ Mass.-D.C.-
[Ill.-Tex.] Ind.
emersoni Seevers 38-435¹⁹

Atheta

fenyesiana Scheerp. 34-1607
annuliventris || Fenyes 14-49¹²
occidentalis Bnhr. (Cat. No. 5108 &
[No. 5133])

Baryodma

bilineata Gyll. 10-436⁴ Eur. N.A.

Termitonidia Seevers 38-428²⁰

lunata Seevers 38-429 Ariz.

Eburniogaster Seevers 38-424²⁰

termitocolus Seevers 38-426 Ariz.
texasus Brues 02-186²¹ Tex.

PSELAPHIDÆ**Actium**

pennsylvanicum Bowm. 34-141 Pa.

Euplectus

excavatus Bowm. 34-141 Pa.

Trigonoplectus Bowm. 34-37¹

minutus Bowm. 34-38 Pa.
rostratus Bowm. 34-38 Pa.

Biblioplectus

exilis Bowm. 34-141 Pa.

Batrisodes

kahli Bowm. 34-141 Tenn.

Brachygluta

mormon Bowm. 34-142 Utah

Reichenbachia

utahensis Tanner 34-43 Utah

Decarthron

setosum Bowm. 34-142 Pa.

Pselaphus

ulkei Bowm. 34-142 Can. Mass. Ida.
[S.D.]

HISTERIDÆ²**Hololeptinæ²****Hololepta²****Hiotona³****Teretriinæ²****Teretrius²****Teretriosoma²****Abræinæ²****Peploglyptus²****Onthophilus²****Plegaderus²**

setulosus Ross 38-50 B.C.

Bacanius²⁴ Voris in litt.¹⁸ Revision of genus, Blackwelder—38.¹⁹ Revision of genus, Seevers—38.²⁰ Should follow Termitogaster in Aleocharini (near Ocalea).²¹ Seevers—38.¹ To precede Acalonia, Bowman—34.² An alternative arrangement of genera differing from Leng's, is given by Bickhardt in Genera Insectorum fasc. 166, and above.³ Leng Catalog.

Anapleus ²

- marginatus* Lec. 53-292
compactus Csy. 93-558 ⁴
mexicanus Csy. 16-243 ⁴

Abræus ²**Acritus** ²**Saprininae** ²**Saprinus** ²

- felipæ* Lewis 13-87 Tex. ⁶
alienus Lec. 51-167
shantzi Csy. 24-200 ⁴
pennsylvanicus Payk. 11-62
profusus Csy. 93-566 ⁴
semistriatus Scriba 90-76 Eur. Afr.
[Mex. Ia.-Mich.]
semipunctatus Payk. 98-45 ⁶
acuminatus Fabr. 93-37 ⁶
nitidulus Fabr. 01-85 ⁶
incrassatus Men. 32-170 ⁶
krynickyi Kryn. 32-113 ⁶
turcomanicus Men. 48-55 ⁶
subattenuatus Mots. 49-95 ⁶
planiusculus Mots. 49-97 ⁶
sparsipunctatus Mots. 49-97 ⁶
uralensis Mots. 49-98 ⁶
punctostriatus Mars. 62-460 ⁶
steppensis Mars. 62-460 ⁶
rugipennis Hockh. 72-225 ⁶
hockhuthi Reitt. 06-267 ⁶
subnitescens Bickh. 09-221 ⁶
imperfectus of Blatch. 10-620 ⁶
lecontei Csy. 16-262 ⁶
pacoviensis Roubal 27-94 ⁶
assimilis Payk. 11-63
simulatus Blatch. 10-621 ⁶
conformis of Blatch. 10-620 ⁶
semisulcus Hatch 29-79 ⁷
conformis Lec. 45-72
oviformis Blatch. 10-622 ⁶
sphæroides Lec. 45-77
impunctellus Csy. 93-571 ⁶
lakensis Blatch. 10-623 ⁶
illinoensis Wolc. 12-161 ⁶
eriensis Hatch 29-82 ⁶
ontarioensis Hatch 29-82 ⁶
ohioensis Hatch 29-82 ⁶
michiganensis Hatch 29-83 ⁶
seminitens of Blatch. 10-623 ⁶
alutiger Wenzel 35-189 Wis. Ind.
prosternalis Hinton 35-78 L. Cal.
strigithorax Hinton 35-79 L. Cal.
ferrugineus Mars. 55-712
lustrans Csy. 16-269 ⁴
bigemmus Lec. 51-169
parvus Csy. 16-273 ⁴
strigilarius Csy. 16-274 ⁴
fitschi Mars. 62-494
omissus Csy. 16-272 ⁴
ludovicianus Csy. 24-206 ⁴

lucidulus Lec. 51-170

- recticollis* Csy. 24-204 ⁴
diego Csy. 24-204 ⁴
obsolescens Csy. 24-205 ⁴
dimidiatipennis Lec. 24-170
palmaris Say 25-42 (or aberr.) ³

Bæckmanniolus Rehd. 26-12 ⁹

- balloui* Hntn. 35-80 ⁶ L. Cal.
gaudens Lec. 51-165 Cal. Mex.
guardens Hntn. 35-81 ⁶
palmaris Say 25-42 ⁶ E. U.S.
serrulatus Lec. 51-165 ⁹ Cal.

Chelyoxenus ²

- * *xerobatis* Hubb. 94-309 Fla.
repens Csy. 16-262 ⁴
insolitus Csy. 16-263 ⁴

Gnathoneus ²**Dendrophilinae** ²**Dendrophilus** ²

- punctatus* Hbst. 92-41
punctulatus Say 25-45 ¹⁰
xavieri Lewis ¹⁰ Japan
sexstriatus Hatch 38-18 Iowa
tularensis Ross 37-67 Cal.

Nestipyge ²**Carcinops** ²

- gilensis* Lec. 51-164
uteana Csy. 16-242 ⁴
consors Lec. 51-164
papagoana Csy. 93-554 ⁴
nigra Csy. 16-242 ⁴
opuntiae Lec. 51-164
bisculpta Csy. 16-243 ⁴
perlata Csy. 16-244 ⁴

Paromalus ²**Isolomalus** ²

- seeveri* Wenzel 37-266 Kan.
seminulum Er. 34-171
ovulatus Csy. 16-246 ⁴

Histerinae**TRIBALINI** ²**Epierus** ²**Stictostix** ²**Tribalister** ²**Idolia** ²**Cærosternus** ²

² An alternative arrangement of genera differing from Leng's, is given by Bickhardt in *Genera Insectorum* fasc. 166, and above.

⁴ Wenzel in litt.

⁶ Ballou in litt.

⁹ Wenzel—39.

¹⁰ Wenzel—35.

⁶ Leng & Mutchler—34.

⁹ Hinton—35.

¹⁰ Wenzel in litt. (after Ross).

PLATYSOMINI ²Cylistix ²

- cylindrica* Payk. 11-91
parvula Csy. 24-198 ⁴

Platysoma ²

- depressum* Lec. 45-40
pinorum Csy. 16-202 ⁴
tabellum Csy. 93-551 ⁴

Omalodes ²HISTERINI ²Psiloscelis ²Hister ²

- felipæ* Lewis 01-373 ⁵ Kans.
ænigmaticus Wenzel 37-267 Ind.
semiruber Csy. 93-539
solaris Carn. 15-144 ⁴
militaris Horn 70-135 Cal. Ore. Wash.
oregonus Csy. 93-549 ¹¹
electus Csy. 93-548 ¹¹
simplicipes Fall 01-235 ¹¹
ciliatus Lewis 88-199 ¹² Mex. Ariz.
sexstriatus Lec. 51-163
maritimus Csy. 16-214 ¹¹
s.jacobianus Csy. 16-215 ¹¹
stygius Lec. 45-48
jaquesi Hatch 29-76 ⁶
interruptus Beauv. 05-180
immunis Er. 34-143 ⁶
albertensis Hatch 26-275 ⁶
carri Hatch 26-276 ⁶
foedatus Lec. 45-50
texensis Csy. 24-217 ⁴
 PARALISTER Bickh. 16-188
cognatus Lec. 45-28 ¹³ N.Y.-Can.-Tex.
unicus Csy. 93-547 ^{5 13}
sinuosus Lewis 00-231 ¹³
marginicollis Lec. 45-28 ¹³ Ill. Ind.
remotus Lec. 59-70 ¹³ Cal. Ore.
semisculptus Lec. 63-60 ¹³ Ill.
californicus Mars. 54-115 ¹³ L. Cal. Mex.

* * *

- abbreviatus* Fab. 75-53
coloradensis Csy. 24-198 ⁴
depurator Say 25-33
furtivus Lec. 59-313 ⁴
circinans Csy. 16-220 ⁴
osculatus Blatch. 10-607
puncticollis Schffr. 12-26 ⁴
grandis Wenzel 39-13 Iowa
fungicola Schffr. 12-27
nanulus Csy. 16-224 ⁴
indistinctus Say 25-35
debilicinus Csy. 24-197 ⁴
densicauda Csy. 16-222
cribricauda Csy. 16-222 ⁴
americanus Payk. 11-31
diffractus Csy. 16-225 ⁴

pollutus Lec. 59-7

laevicauda Csy. 16-227 ⁴*fluviatilis* Csy. 16-228 ⁴tornatus Lec. 80-190 ⁴

N.C. Ga.

Margarinotus ²EXOSTERNINI ²Phelister ²(conquisitus Lewis, not No. American) ⁹Pseudister ⁹hospes Lewis 02-236 ⁹

N.Y.

Hetæriinæ ²HETÆRIOMORPHINI ²Terapus ²

arizonensis Ross 38-48

Ariz.

Ulkeus ²HETÆRIINI ²Reninus ⁴salvini Lewis 88-220 ⁴

Tex.

Echinodes ²Hetærius ²

wagneri Ross 38-49

Cal.

LYCIDÆ

Plateros

californicus VanD. 18-1

columbiensis Brown 29-108 ¹

LAMPYRIDÆ

Aspidosoma

ignitum Linn. 67-645 ² Tex. Mex.-Bra.

Phausis

nigra Hopp. 37-89

B.C.

CANTHARIDÆ

Cantharis

perpallens Fall 36-179

Cal.

imbecillus Lec. 51-342

Pa. Conn.

mimus Fall 36-182

N.J.

mollis Fall 36-182

N.H.-Pa.

pusillus of Lec. 1881 (not Lec. 1851) ³¹¹ Ross—37.¹² Ballou & Siepmann—38.¹³ Revision of subgenus, Wenzel—37.¹ Fall—34.² Fall—37.³ Fall—36.

greeni Fall 36-183
lecontei Fall 36-180
collaris || Lec. 51-340 ⁵
tuberculatus Lec. 51-341
impressus Lec. 51-341 ⁵
brevicollis Lec. 51-341 ⁵
armiger Couper 65-62 ⁵

MELYRIDÆ ⁴Malachinæ ⁴

Collops
bridgeri Tanner 36-153

Malachius
utahensis Tanner 36-153
antennatus Hopp. 37-90

Tanaops
testaceus Marshall 37-164

Attalus
smithi Hopp. 37-91

Rhadalinae ⁴Melyrinae ⁴DASYTINI ⁵

Cymbolus ⁵

Eucymbolus ⁵

Dolichosoma ⁵

Pristoscelis ⁵

Eschatocrepis ⁵

Dasytes ⁵
blaisdelli Pic 37-65
subaeneus Blais. 26-12 ⁶

Dasytellus ⁵

Vecturoides Fall 30-255 ⁵
(Menovectura) Blais. 31-181) ⁵

Amphivectura Blais. 38-13 ⁵
monticola Blais. 34-151 ^{5 7}

Hoppingiana Blais. 24-2 ⁵
hudsonica Lec. 66-360
brevilabris Blais. 24-3 ^{8 9}
kingi Brown 28-147 ⁹

Leptovectura ⁵

W.Va. *Allonyx* ⁵

Pseudallonyx ⁵

Vectura ⁵
fulvescens Blais. 34-71 Cal.

Dasytastes ⁵

Mecomyceter ⁵

Pseudasydates Blais. 38-18 ⁵
inyoensis Blais. 38-18 Cal.

Wyo. *Eudasytes* ⁵
sinuatus Blais. 37-138 Cal.

Ut. Ida. *Asydates* ⁵

B.C. *Sydatopsis* ⁵

Ariz. *Cradytes* ⁵

Eutricholistra ⁵

B.C. *Byturosoma* ⁵

Trichochrous ⁵
cupripilosa Blais. 37-140 Cal.
calcaratus Fall 34-142 Is. off Cal.

Trichochronellus Blais. 38-23 ⁵
stricticollis Csy. 95-532 ^{5 10} Cal.

Holomallus Gorh. 86-325 ⁵

Eutrichopleurus Blais. 38-24 ⁵
seriellus Csy. 95-506 ^{5 16} Utah

Emmenotarsus ⁵

Trichochroides Blais. 38-25 ⁵
sexualis Csy. 95-524 ^{5 10} Cal.

Sydates ⁵

U.S. *Listromimus* ⁵

Listromorpha Blais. 21-188 ⁵

Adasytes ⁵

Amecocerus Sol. 49-419 ⁹
(Listrus) Mots. 59-389) ^{4 11}
caseyi Pic 37-99 U.S.

subaeneus || Csy. 95-342 ⁹
regalis Blais. 38-165 Cal.
vanduzeei Blais. 34-317 Cal.
coalingensis Blais. 36-187 Cal.
gentryi Blais. 36-185 Cal.
minimus Blais. 36-184 Cal.
coronadensis Blais. 39-57 L.Cal.
robustus Blais. 37-143 Wyo.
wyomingensis Blais. 37-141 Wyo.

Listropsis Blais. 24-1 ⁵

MELYRINI ⁵

⁵ Fall—36.

⁴ Subfamilies rearranged by Blaisdell—38.

⁵ Genera rearranged by Blaisdell—38.

⁶ Pic—37.

⁷ Described in *Hoppingiana*, Blaisdell—34.

⁸ Blaisdell—34.

⁹ Blaisdell—38.

¹⁰ Described in *Trichochrous*.

¹¹ Listed as valid by Blaisdell—38.

CLERIDÆ

The proper date of the following Leconte species should be 1849 instead of 1852: 7531, 7545 syn., 7561, 7565, 7597 syn., 7602 syn., 7610 syn., 7614, 7615, 7630a syn., 7643, 7647a, 7647a syn., 7660, 7661, 7679, 7681, 7689, 7714, and the genus *Elasmocerus*.¹²

Tillinæ¹³

Monophylla Spin. 41-75¹³

(*Elasmocerus* Lec. 52-13)¹³

(*Macrotelus* Spin. 41-75)¹³

Callotillus Wolc. 11-115¹³

vafer Wolc. 21-270 Ariz. S. Cal.¹²

Tillus Oliv. 90-22¹³

(*Cylinder* Voet 69-06—78)¹³

(*Tilloidea* Cast. 32-398)¹³

Perilypus Spin. 41-72¹³

Cymatodera Gray 32-375¹³

neomexicana Knull 34-9 N. Mex.

xanti Horn (Locality should be L. Cal.)¹²

peninsularis Schffr. (Locality should be [Lower Cal., Ariz.]¹²

fuchsi Schffr. 04-216

?*comans* Wolc. 10-351¹²

7563, for 65-95 read 66-95¹²

7568a, for 65-95 read 66-95¹²

7569, for 04-127 read 04-217¹²

cephalica Schffr. (Locality should be [Cal.]¹²

purpuricollis Horn (Locality should be [Lower Cal.]¹²

Bostrichoclerus VanD. 38-189

bicornis VanD. 38-190 Gulf of Cal. Is.

Hydnocerinae¹³

Hydnocera Newm. 38-379¹³

7640, for 08-333 read 08-133¹²

7642, for 65-97 read 66-97¹²

7668, for 67-135 read 68-135¹²

(*lateralis* Gorh., not No. American)¹²

suturalis Klug

limbata Spin. 44-49¹²

verticalis Say

brachyptera Klug 42-313¹²

Isohydnocera Chpn. 17-83¹³

nigrina Schffr. 08-134¹²

7687, for 65-97 read 66-97¹²

Ariz.

(*Erolestes* Wolc., not North American)¹²

(*cleroides* Wolc., not No. American)¹²

¹² Wolcott in litt.

¹³ New generic classification after Chapin—24 and Schenkling—16, with synonymic additions from Schenkling—Col. Cat. p. 23.

Phyllobæninæ¹³

Phyllobænus Spin. 44-1¹³

Clerinæ¹³

Priocera Kby. 18-389¹³

chiricahuæ Knull 39-27

Ariz.

Opilo Latr. 02-111¹³

(*Eupocus* Ill. 07-341)¹³

(*Notorus* of authors)¹³

(*Opilus* of authors)¹³

Serriger Spin. 41-73¹³

Ref. to Wolcott on p. 28 Suppl. 1 should [read 22-77].¹²

Cleronomus Klug 42-282¹³

(*Derestenus* Chev. 43-13)¹³

(*Colyphus* Spin. 44-133)¹³

furcatus Schffr. 04-218¹²

haagi Chevr. 76-12¹²

melanopterus Dury 06-251¹²

subcostatus Schffr. 17-131¹²

thoracica Oliv. 95-18¹²

monilis Melsh. 46-307¹²

ornaticollis Lec. 80-194¹²

v. pallipes Wolc. 12-55¹² Ill. Kan. Ia. [Neb.]

Thanasimus Latr. 06-270¹³

(*Cleroides* Schaff. 77-137)¹³

(*Pseudoclerus* Duval 60-196)¹³

7582, for 70-342 read 71-342¹²

undatulus Say 35-163

undulatus of authors¹²

Clerus Fabr. 75-157¹³

(*Enoclerus* Gahan 10-62)¹³

lecontei Wolc. 10-359

nigriventris || Lec. 61-351¹²

liljebladi Wolc. 22-73 Mich. N.Y.¹² Pa.¹²

erro Wolc. 22-68 (Thanasimus)¹² Ariz.

inyoensis VanD. 38-191 Cal.

(*quadriguttatus* Oliv., not No. Amer.)¹²

abdominalis Chevr. 34-52 Mex. Ariz.

zonatus Klug 42-297¹²

v. spinolæ Lec. 53-230¹² Mx. Ar. Cal.

[Kan.]¹²

bombycinus Chevr. 33-42 Cal.¹²

sphegeus Fabr. 87-125

sobrius Walk. 66-326

sobrinus of authors (not Cast.)¹²

Placopterus Wolc. 10-363¹³

(*Phlæpterus* of authors)

(*Plæopterus* of authors)

(*Pæcilochroa* Chevr. 76-5)¹³

cyanipennis Klug 42-307¹⁴

v. dasytoides Westw. 49-50¹⁴ Mex. Tex.

¹⁴ Only representative in North America—Wolcott—in litt.

Aulicus Spin. 41-74 ¹³
(nero Spin., not North American) ¹²
humeralis Linsley 36-252 ¹⁵ L. Cal.
 [Gulf Cal. Is.
femoralis Schffr. 17-132 ¹⁵ Ariz. Tex.
monticola Gorh. 82-146 ¹⁵ Mx. Tex. Ar.
fissipes Schffr. 21-155 ¹⁵ Ariz. L. Cal.
nigriventris Schffr. 21-156 ¹⁵ Mex. Ariz.
dentipes Schffr. 21-157 ¹⁵ Tex. Ariz.
terrestris Linsley 33-95 ¹⁵ ¹⁶ Cal.
bicinctus Linsley 36-255 ¹⁵ Cal.

(Sallwa Chev., not North American) ¹²
(coffini White, not North American) ¹²

Xenoclerus Schenk. 02-327 ¹³

Trichodes Hbst. 92-154 ¹²
(Pachyscelis Hope 40-139) ¹³
interruptus Lec., for 52-88 read 49-18 ¹²
peninsularis Horn (Locality should be
 [Lower Cal.] ¹²
ornatus Say (Locality should be Dak.
 [Colo.-Pac.-Alas.] ¹²
nutalli Kby. (Add locality Colo.) ¹²

Thaneroclerinæ ¹¹

Thaneroclerus Lef. 38-13 ¹³
(Isoclerus Lewis 92-191) ¹³
(Thaneclerus Chenu 60-247) ¹³
(Thanateroclerus Gemm. & Har.
 [69-1739] ¹²

Ababa Csy. 97-653 ¹³
(Prionostichus Wolc. 11-125)
(Prionodera || Wolc. 10-396)

Enoplinæ ¹³

Ichnea Cast. 36-55

Charlessa Perty 30-109 ¹³
(Brachymorphus Chev. 35-150) ¹²
 7707, for 57-48 read 60-48 ¹²

Pelonium Spin. 44-347 ¹³ ¹⁷
(Corinthiscus Frm. & Grm. 61-4) ¹³
(Philyra Cast. 36-53) ¹³
(Tarandocerus Chev. 76-7) ¹³ ¹⁷

Gregya Lec., ¹³ for 62-197 read 61-197 ¹²
 7717, for 65-98 read 66-98 ¹²

Orthopleura Spin. 44-80 ¹³
(Dermestoides Schaeff. 71-220) ¹²
damicollis
bimaculata Melsh. 46-307 ¹²
(quadraticollis Spin., not N. Amer.) ¹²

Pelonides Kuw. 94-8 ¹³
(Enoplum of authors) ¹²
 7699, for 67-135 read 68-135 ¹²
(militaris Chev., not No. American) ¹²

similis Knull 38-97 Tex.
perroudi Pic 33-12 (Pyticera) Tex.
 7704, for 65-99 read 66-99 ¹³

Korynetinæ ¹³

Lehasiella Spin. 44-77 ¹³
marginella Chev. 43-42 ¹² ?Cal. Nev.

Korynetes Hbst. 92-148 ¹³
(Corynetops Duval 61-201) ¹³
(Corynetes of authors) ¹²
maculicollis
v. nigricollis Wolc. 27-110 ¹² Cal.

Necrobia Oliv. 95-76 ¹³
(Agonolia Muls. 64-122) ¹³

Tarsostenus Spin. 44-287 ¹³

Opetiopalpus Spin. 44-110 ¹³
(Opetiopselaphus Gemm. & Har.
 [69-1759] ¹²

CEPHALOIDÆ

Cephaloon Newm. 38-377 ¹³
ungulare Lec. 74-275 N.H.-N.C. L. Sup.
pacificum VanD. 28-260 Cal.-B.C.
lepturides Newm. 38-377 Me.-Pa.-Mich.
lepturoides Hald. 48-95 ¹⁵
varians Hald. 48-95 ¹⁵
bicolor Horn 96-381 Cal. B.C.
tenuicornis Lec. 74-275 B.C.-Alb.-Wash.-
piceum Horn 96-380 ¹⁵ [Mont.
ornatum Csy. 97-652 ¹⁵
versicolor Csy. 97-651 ¹⁵
vandykei Hopp. & Hopp. 34-69 Cal.

MORDELLIDÆ

Mordellistena ¹⁹
frosti Lilj. Me.
erratica Smith Fla.
blfasciata Ray 36-125 Ill.
bicinctella Lec. Fla. S.St. Ind. O.
confusa Blatch. Ind.
ozarkensis Ray 36-125 Ill.
tarsalis Smith Tex.

* * *

rubrofrontalis Ray 36-127 Ind.
tlara Ray 36-127 Ill. Mass.
rufoccephala Ray 36-128 Ill.

Pentaria Muls. 56-391 ²⁰
(Anthobates || Lec. 50-23) ²⁰
(Anthobatula Strand 29-23) ²⁰

¹² Wolcott in litt.

¹³ New generic classification after Chapin—24 and Schenkling—16, with synonymic additions from Schenkling—Col. Cat. p. 23

¹⁵ Revision of genus, Linsley—36.

¹⁶ Linsley—33-88.

¹⁷ Listed as synonyms of *Charlessa* by Wolcott in litt.

¹⁸ Revision of genus, Hopping & Hopping—34.

¹⁹ Revision of part of section I, Ray—36.

²⁰ Mequignon—37.

MELOIDÆ²¹

Nemognathinæ

ZONITINI

- Zonitis Fabr. 75-126²¹
 (*Nemognatha* Ill. 07-333)²¹
 (*Nematognatha* Gemm. & Har. [70-2163])²¹
apicalis Lec. 53-345 B C. Cal. Ariz.
bicolor Walk. 66-331²¹
walkeri Beaur. 89-212²¹
arizonica VanD. 29-132
atripennis Say 23-306 Ark. N.M.
bilineata Say 17-22 Conn.-Minn.
lineata Melsh. 46-53²¹
mandibularis Melsh. 46-53²¹
bridwelli Wellm. 12-38 Cal.
calceolata Guer. 29-136 N.A.
californica Wickh. 05-171 Cal.
cribraria Lec. 53-348 M.W.St.
cribricollis Lec. 53-348 Ind.-Tex.-Ariz.
fuscipennis Lec. 53-349²¹
porosa Lec. 53-349²¹
dichroa Lec. 53-346 Mont. Or. Cal. ?Ar.
dubia Lec. 53-346 Cal. Ore.
dunniana Csy. 91-170 Tex.
flavida Lec. 53-349 N.M. Cal.
immaculata Say 17-22 Kan. Colo. N.M.
 [Ariz. Ill. Fla.
longicornis Horn 70-93 Ill. Fla.
lurida Lec. 53-345 Mex. Kan. Ar. Ore.
decipiens Lec. 53-347²¹
rufa Duges 89-111²¹
lutea Lec. 53-346 Kan. Ariz. Cal.
pallens Lec. 53-346²¹
martini Fall 07-257 N.Mex.
nemorensis Hentz 30-258 Fla.-Ind.
bimaculata Melsh. 46-54²¹
ruficollis Beaur. 90-474²¹
nigra Lec. 53-346 "Benicia"
nigripennis Lec. 53-347 N.M. Cal.
perforata Csy. 91-170 Tex.
plezata Fab. 94-104 Mex. Fla.-Ariz.-
vittata Fab. 01-24²¹ [Mont.
texana Lec. 53-347²¹
v.bicolor Lec. 53-345 Kan. Colo.
discolor Lec. 58-77²¹ [Tex.
stellaris Beaur. 90-465²¹
 ?*v.palliata* Lec. 53-346²¹ L.Sup. Mont.
punctipennis Lec. 80-214 Ariz.
punctulata Lec. 53-347 Ga.
v.flavipennis Uhler 55-418²¹ Va. Ind.
rufa Lec. 54-85 Tex. Mex.
rubra Duges 70-166²¹
schaefferi Blatch. 22-28 Fla.
scutellaris Lec. 53-347 Cal. Utah
sparsa Lec. 68-53 Colo. N.M.
sulcicollis Blatch. 10-1357 Ind.

- vermiculata* Schffr. 05-138 Utah
vigilans Fall 07-257 Cal.
vittigera Lec. 53-348 Ind.-Tex.-Ariz.
vittipennis Horn 75-155 Ariz.
zonitoides Duges 89-110 Mx. Guat. Tex.

Gnathium Kby. 18-425²¹

- francilloni* Kby. 18-426 Mex. Tex. Ga.
flavicolle Lec. 58-23²¹
longicollis Lec. 58-77 Tex.
minimum Say 23-306 Mx. Kan.-Ark.-Ar.
walckenaeri Cast. 40-281²¹
nitidum Horn 70-95 Mex. Cal. Ariz.
texanum Horn 70-94 Tex. Ariz.

SITARINI²¹

- Tricrania* Lec. 60-320²¹
 (*Horia* Lec. 62-270)²¹
murrayi Lec. 60-320 Ore.
sanguinipennis Say 23-279 Conn.-Ind.
Tricraniodes Wellm. 10-219²¹
stansburyi Hald. 52-377 Utah

HORNIINI²¹

- Hornia* Riley 77-564²¹
minutipennis Riley 77-564 Mo.
Leonidea Ckll. 00-11²¹
 (*Leonia* Duges 89-211)²¹
anthophoræ Mickel 28-38 Colo.
neomexicana Ckll. 99-416 N.M. Kan.
gigantea Wellm. 11-16²¹

HORIINI²¹

- Cissites* Latr. 04-154²¹
 (*Horia* Fabr. 87-164, part)²¹
auriculata Champ. 92-372 C.A. Mx. Ar.
maculata || Lec. & Horn 83-417²¹

Meloinae²¹

EPICAUTINI

- Epicauta* Redt. 45-621²¹
 (*Isopentra* Muls. 58-106)²¹
(Apterospasta Lec. 62-272)¹²
(Macrobasis Lec. 62-272²¹
abadona Skinner 04-217 Ariz.
alastor Skinner 04-217 Ariz.
albida Say 23-305 Mex. Kan. Colo.
luteicornis Lec. 54-84²¹
albolineata Duges 77-64 Mex. Ariz.
duplicata Csy. 91-172²¹
alphonsii Horn 74-38 Cal.
atrovittata Lec. 54-224 Tex.-Ariz.
batesi Horn 75-153 Ga.
borrei Duges 81-145 Mex. ?U.S.
fumosa || Haag 80-40²¹
fumea Champ. 99-178²¹

²¹ Revision of entire family by Denier—35. A few of our species are not mentioned, and the genus *Pyrota* is from Denier—34 where it was more completely treated. Other additions follow this revision.

- callosa* Lec. 66-158 Dak.-Tex.
caviceps Horn 73-99 Ariz.
cinerea Forster 71-62 M.St. Ind. Conn.
 imbriata Thunb. 91-109²¹
 clematidis Woodh. 00-213²¹
 v.marginata Fabr. 75-260²¹ Conn. Ind.
corvina Lec. 58-21 Mex. Colo. Ariz.
 nigerrima Duges 70-162²¹
excors Fall 09-166 L.Cal.
fallax Horn 85-111 Cal.
ferruginea Say 24-298 Can.-N.M. Ariz.
 ?sartorii Haag 80-56²¹ Mex.
fissilabris Lec. 50-232 L.Sup. H.B.T.
flavocinerea Blatch. 10-1359 Ind.
foxi VanD. 29-127 Cal.
funebri Horn 73-102 Tex.
gissleri Horn 78-58 N.M.
heterodera Horn 91-43 Fla.
immaculata Say 23-301 Ind.-Col.-Tex.-
 articularis Say 23-301²¹ [Ariz.
 fulvescens Lec. 53-447²¹
impressifrons VanD. 28-262 Cal.
ingrata Fall 07-258 N.M.
insignis Horn 85-110 Ariz.
languida Horn 95-252 L.Cal.
lauta Horn 85-108 Ariz.
lemniscata Fabr. 01-279 Fla.-Kan.
 vittata Duges 86-582²¹ Mex.
 duges Beaur. 89-cxxij²¹
levettei Csy. 91-171 Colo.
linearis Lec. 58-23 Tex.
maculata Say 23-298 Ill.-Ore.-N.M.
 v.conspersa Lec. 53-340²¹ Mex.
 punctuata Duges 70-161²¹ Cal.
maura Lec. 51-162 Ariz.
merkeliana Horn 91-43 Ariz.
nigra Duges 70-161 Mex. U.S.
 ?funebri Horn 73-102²¹
 melanochroa Wellm. 10-24²¹
nigritarsis Lec. 53-340 Tex.
oblita Lec. 51-162 Cal. Ore.
ochrea Lec. 53-342 Tex. Ariz.
 protarsalis Duges 77-63²¹ Mex.
oregona Horn 75-153 Ore.
pardalis Lec. 66-157 Ariz. Tex.
pedalis Lec. 66-157 L.Cal. Tex.
pennsylvanica DeG. 75-15 Can.-Car.-
 atrata Fabr. 75-260²¹ [Tex.
 nigra Woodh. 00-213²¹
 eoracina Ill. 04-171²¹
 morio Lec. 53-447²¹
 potosina Duges 89-89²¹ Mex.
pruinosa Lec. 66-158 Kan.-Utah
puncticolis Mannh. 43-238 Cal. Or. Ida.
purpurea Horn 85-108 Mex. Ariz.
 purpureipennis Champ. 99-186²¹
rileyi Horn 74-37 Ariz.
ruddosana Fall 07-258 N.Mex.
sanguinicollis Lec. 53-344 Fla.
segmentata Say 23-303 La.-Ariz. Mont.
 valida Lec. 53-39²¹
 cinctithorax Duges 89-56²¹ Mex.
sericans Lec. 66-158 Kan.-Ariz. Ore.
 ?imnerita Walk. 66-330²¹
straba Horn 91-42 Cal.
- strigosa* Gyll. 17-18 Pa.-Fla.
 nigricornis Melsh. 48-53²¹
 ferruginea Lec. 53-341²¹
stuarti Lec. 68-54 N.M. Kan. Colo.
subglabra Fall 22-173 Alb. Sask.
tenella Lec. 58-23 Tex. Ariz.
tenuelineata Horn 94-436 L.Cal. Ariz.
tenuis Lec. 53-343 Ga. Fla.
torsa Lec. 53-343 Tex. Mass. Ind.
trichrus Pall. 98-100 Can.-Pa.-Tex.
 convolvuli Melsh. 48-53
 trichura Wellm. 10-24.
 v. atrata Melsh. 47-53²¹
unicolor Kby. 37-241 Can.-Ga.-Ind.-Ariz.
 cinerea Fabr. 93-119²¹
 fabricii Lec. 53-343²¹
 ?debilis Lec. 53-344²¹ L.Sup.
 ?murina Lec. 53-344²¹
virgulata Lec. 66-156 L.Cal.
vittata Fabr. 75-260 Can.-Ct.-Ia.
 chapmani Woodh. 00-214²¹
watsoni Blatch. 18-58 Fla.
wheeleri Ulke 75-812 Ariz.
- Pleuropompha* Lec. 62-273²¹
 costata Lec. 54-84 Tex.
- Gnathospasta* Horn 75-154²¹
 mimetica Horn 75-154 Tex.
- Henous* Hald. 52-377²¹
 (*Nomaspis* Lec. 66-156²¹
confertus Say 23-281 Mo. Tex.
 techanus Hald. 52-377²¹
parvulus Hald. 52-377 Ut. N.M.
- LYTTINI²¹
- Lytta* Fabr. 75-260²¹
 (*Cantharis* Geoff. 62-339)²¹
 (*Tetraolytta* Pic 19-3)²¹
 (*Picella* Denier 34-?)²¹
æneipennis Lec. 51-160 Cal.
agrestis Fall 01-302 Ariz.
arborea Wellm. 12-34 Cal.
auriculata Horn 70-91 Cal. L.Cal.
biguttata Lec. 53-332 Ariz.-Mont.
 v.bivirgata Duges 77-140²¹ Mex.
 alfredi Duges 89-98²¹
blaisdelli Fall 09-166 Cal.
childi Lec. 57-52 Cal. L.Cal.
chloris Fall 01-303 Cal.
compressicornis Horn 70-91 Cal.
convexa Lec. 53-336 Tex. Colo.
cribrata Lec. 53-447 Tex.
crotchi Horn 74-38 Cal.
cyanipennis Lec. 51-160 Ut.-Or. Can.
 salicis Lec. 51-161²¹
deserticola Horn 70-90 Ariz. N.M.
difficilis Fall 01-303 Cal.
eucera Chevr. 34-56 Mex. Tex.
 spectabilis Cast. 40-273²¹
fulvipennis Lec. 53-331 Colo. Tex.
 cardinalis Lec. 53-447²¹
funerea Fall 01-301 Cal.

²¹ Denier—85.

- hoppingi* Wellm. 12-35 Cal.
incommoda Horn 83-312 Cal.
nunenmacheri Wellm. 12-36 ²¹
infidelis Fall 01-303 Wash.-Cal.
insperata Horn 74-39 Cal.
lecontei Heyden 90-99 Mex. Tex.
dichroa || Lec. 53-332 ²¹
lugens Lec. 51-161 Cal.
maculicollis VanD. 29-130 Cal.
magister Horn 70-90 Cal. Ariz.
melæna Lec. 58-76 Ariz. Cal. L.Cal.
mœrens Lec. 51-216 Cal.
molesta Horn 85-111 Cal.
morosa Fall 01-301 Cal.
mutilata Horn 75-155 Mex. Ariz.
nigrocyanæa VanD. 29-129 Colo.
nitidicollis Lec. 51-160 Cal. L.Cal.
nuttalli Say 23-300 Can. Kan. Colo.
fulgiferæ Lec. 49-90 ²¹ [Mont.
occipitalis Horn 83-312 Cal.
pilsbryi Skinner 06-217 Tex.
puberula Lec. 66-162 Ariz. Colo.
variabilis Horn 85-107 ²¹ Mex.
purpurascens Fall 01-302 Cal.
quadrifasciata Chev. 34-79 C.A. Tex.
rathvoni Lec. 53-335 Cal.
refulgens Horn 70-91 Cal.
reticulata Say 23-305 Kan. Colo. N.M.
sphæricollis Say 23-299 Kan.-Wash.
chalybea Lec. 51-160 ²¹
chalybeata Gemm. 70-124 ²¹
stolidæ Fall 01-302 Cal.
tenebrosa Lec. 51-160 Cal.
ulkei Beaur. 89-212 Nev. Cal.
lugubris Ulke 75-812 ²¹
viridana Lec. 66-162 Kan.-Man.
vulnerata Lec. 51-159 Cal. Nev. Ore.
angulicollis Duges 89-105 ²¹ Mex.
v. cooperi Lec. 54-18 ¹² Cal. Wash. Ida.
- Tetraonyx* Latr. 05-204 ²¹
(Jodema Pasc. 62-57) ²¹
albipilosa VanD. 29-127 Tex.
dubiosus Horn 94-440 L.Cal.
frontalis Chev. 33-14 Mex. Tex.
v.femoralis Duges 70-104 ²¹
 [Mex. Ariz.
quadrifasciatus Fabr. 75-50 W.I.
ruficollis Oliv. 95-14 ²¹ [Fla.-S.C.
- Pyrota* Dej. 33-224 ^{21 22}
akhurstiana Horn 91-42 Ariz. N.M. Mex.
bilineata Horn 85-115
 [Colo. Ariz. N.M. Tex.
concinna Csy. 91-174 Tex.
dakotana Wickh. 03-73 S.Dak.
discoidea Lec. 53-338 Tex.
dispar Germ. 24-171 S.A.
v.brunneipennis Denier 34-60 ²²
dispar Germ. 24-171 ²² U.S.
divergata Vill. & Pen. 67-15 Tex. Mex.
nigrovittata Haag 80-51 ²²
virgata Schffr. 05-177 ²²
- engelmanni* Lec. 48-91
 [Ind. Miss. Tex. N.M.
germari Hald. 43-303 Md.-Ga.
mutata Gemm. 70-124 ²²
insulata Lec. 58-22 Tex. Mex.
invitata Horn 85-114 Tex.
v.limbalis Lec. 66-160 ²² Va. Fla.
lineata Oliv. 95-14 Fla.-Tex.
mylabrina Chev. 34-3
 [Ariz. N.M. Mex.
obliquefascia Schffr. 08-320 Ariz.
postica Lec. 66-160 Tex.-Ariz. Mex.
maculata (Klug) Lac. 59-4 ²²
plagiata Haag 80-49 ²²
lacordairei Berg 81-303 ²²
punctata Csy. 91-173 Tex.-Ariz. Mex.
sinuata Oliv. 95-9 S.C. Fla. La.
afzeliana Fabr. 01-78 ²²
tenuicostata Duges 77-60 Tex. Mex.
dubitalis Horn 85-113 ²²
vittigera || Lec. 58-22 ²²
? rufipennis Cr. 74-114 ²²
terminata Lec. 66-159 Mo.-Ut. L.Cal.
trochanterica Horn 94-439 L.Cal.
- Pomphopœa* Lec. 62-273 ²¹
ænea Say 23-301 Pa. Ill. Tex.
nigricornis Lec. 48-90 ²¹
filiformis Lec. 48-91 ²¹
tarsalis Bland. 64-71 ²¹
polita Say 23-302 Fla.-S.C.
v.femoralis Lec. 53-336 ²¹ Fla. La.
pedestris Harold 70-124 ²¹
sayi Lec. 53-336 Can. Ct.-Ill. Tex.
ænea var. Say. 24-228 ²¹
pyravora Fitch 56-354 ²¹
texana Lec. 66-161 Tex.
unguicularis Lec. 66-160 Ill. Ct.
- Poreospasta* Horn 67-139 ²¹
polita Horn 67-139 Cal.
sublævis Horn 67-140 Cal.
- Meloe* Linn. 58-419 ²¹
 TREIODONS Duges 70-102 ²¹
barbarus Lec. 61-354 Is. off Cal.
lævis Leach 15-249 W.I. C.A. Mex.
cordilleræ Chev. 29-133 [N.M.
sublævis Lec. 54-84 ²¹ [Ariz.
tridentatus Jimenez 66-225 ²¹
tucci Pen. & Barr. 66-11 ²¹
opacus Mots. 73-48 ²¹
 PROSCARABÆUS Schrank 81-
 [225 ²¹
(Cnestocera Thoms. 59-124) ²¹
afer Bland 64-70 Neb.
americanus Leach 15-251 Ga. Ind. Can.
s.occidentalis VanD. 28-422 ²¹
 [Id. Colo. Alb.
angusticollis Say 23-380 Can. Pa. Ind.
rufipennis Lec. 53-328 ²¹
californicus VanD. 28-426 Cal. Wash.
carbonaceus Lec. 66-155 Neb.
franciscanus VanD. 28-437 Cal. Nev.

²² This genus is generally credited to Leconte (1862) but was amply validated by Dejean in 1833.

- impressus* Kby. 37-242 Can. Ind.
americanus Brandt & Er. 32-118²¹ Can.
v. niger Kby. 37-241 N.Y.
mœrens Lec. 53-328 Mont.
montanus Lec. 66-155 Cal.
opacus Lec. 61-354 Pa.
perplexus Lec. 53-329 Cal.
quadrifrons VanD. 28-431 Alas.
strigulosus Mannh. 52-349 Cal.
tinctus Lec. 66-155 Neb.
- Calospasta* Lec. 62-273²¹ L. Cal.
decolorata Horn 94-437 Cal.
elegans Lec. 51-161 Cal.
v. humeralis Horn 70-93²¹ Cal.
s. perpulchra Horn 70-92²¹ Cal.
s. cyanea VanD. 29-132²¹ Cal.
fulleri Horn 78-59 Cal.
histrionica Horn 91-100 Cal.
imperialis Wellman 12-37 Cal.
mœsta Horn 78-59 Cal.
morrisoni Horn 91-102 Cal.
nemognathoides Horn 70-92 Cal. Ariz.
schwarzii Wellman 09-23 Cal.
sulcifrons Champ. 92-394 Mex. Ariz.
viridis Horn 83-312 Colo. N.M.
wenzeli Skinner 04-217 Ariz.
- Pleurospasta* Wellman 09-20²¹
mirabilis Horn 70-121 Ut. Ariz. Cal.
- Phodaga* Lec. 58-76²¹
alticeps Lec. 58-77 Mex. Ariz. Cal.
- Negalius* Csy. 91-175²¹
marmoratus Csy. 91-175 Tex. Ariz.
 [L. Cal.
- Tegrodera* Lec. 51-159²¹ Cal. L. Cal.
erosa Lec. 51-159 Cal. L. Cal.
v. extincta Beaur. 90-493²¹ Ariz.
v. aloga Skinner 03-168²¹ Ariz.
v. inornata Blais. 18-334²¹ Cal.
latecincta Horn 91-44 Cal.
- Eupompha* Lec. 58-21²¹
fissiceps Lec. 58-21 Tex.
- Brachyspasta* VanD. 28-451²¹ Colo.
wickhami VanD. 28-452
- Cordylospasta* Horn 75-152²¹ Nev.
fulleri Horn 75-152
- Gynæcomeloe* Wellman 10-217²¹ Cal.
opacus Horn 68-139 Cal.
parvicollis VanD. 28-450 Cal.
- Cysteodemus* Lec. 51-158²¹ Cal. Ariz.
armatus Lec. 51-158 Cal. Ariz.
wizlisenoi Lec. 51-158 Mex. N.M. Ariz.
- Megetra* Lec. 59-127²¹ Mex.
cancellata Brandt & Er. 32-141 [U.S.
hoegci Duges 89-39²¹ Mex. N.M. Ariz.
vittata Lec. 53-330
- Epicauta*
elongatocalcarata Mayd. 34-328 Ida.
piceiventris Mayd. 34-327 Utah
rehni Mayd. 34-329 Ariz.
excavatifrons Mayd. 34-330 Fla.
mutchleri Mayd. 34-331 Ariz.
diversipubescens Mayd. 34-333 N.M.
crassitarsis Mayd. 35-72 Ariz.
- Macrobasis*
hirsutipubescens Mayd. 34-334 Ariz.
maculifera Mayd. 34-335 Ariz.

PYTHIDÆ

- Cariderus* Muls. 59-46²²
 (*Rhinosimus* Latr. 02-192)²²
- Mycterus* Clairv. 98-125²⁴
canescens Horn 79-336 Cal. Ore.
elongata Hopping 35-77 Cal.
concolor Lec. 53-235 [Cal.-B.C. Colo. N.M.
scaber Hald. 43-303 Mass.-Va.
quadrifrons Horn 74-142 Cal. N.M.

PYROCHROIDÆ

- Ischalia* Pasc. 60-54
EUPLEURIDA Lec. 73-335²³
californica VanD. 38-192 Cal.

ANTHICIDÆ

- Notoxus*
visaliensis Blais. 36-144 Cal.
sparsus Lec. 59-284²⁴ Cal. Ariz.
conformis Lec. 51-152²⁴ Cal.
obesulus Blais. 36-146 B.C.

CEBRIONIDÆ

- Cebrio*
convexifrons Knull 35-189 Okla.

²¹ Hopping—35.²² Transferred from Melandryidæ, Hopping—35.²³ Van Dyke—38.²⁴ Valid species, Blaisdell—36.²¹ Denier—35.

PLASTOCERIDÆ²⁷

Plastocerus

- maclayi Sloop 35-17 Cal.
pullus Sloop 35-18 Cal.

Euthysanius

- brevis Sloop 35-19 Cal.

ELATERIDÆ

Adelocera

- mexicana Cand. 57-70¹ Fla. Mex.
nobilis Fall 32-58¹ Ariz.
mexicana of Lec.¹

Conoderus Esch. 29-31

(*Monocrepidius* Esch. 29-31)²

HETERODERES Latr. 34-155¹

- suturalis Lec. 53-482¹ Ala. Ind.
fuscus Blatch. 25-163 Fla. Ga.
fuscus of VanDyke¹
planidiscus Fall 29-56¹

* * *

- exsul Shp. 77-470³ N.Zeal. Hawaii, Cal.
rudis Brown 33-174 Ala.
browni Knull 38-19 Tex.
perversus Brown 33-173 Fla.

Aeolus

- melillus Say⁴ Ind. Ariz.
elegans of authors⁴
dorsalis || Say 23-167⁴
s. comis Lec. 53-484⁴ B.C. Alb.
s. marginicollis Horn 71-308⁴
[Sask. Man. Ore.
(*elegans* Fabr., not North American)⁴
(*circumscriptus* Germ., not N. Amer.)⁴

Limonlus

- canus Lec. 53-433 (Pheletus)¹ Cal.
discoideus Lec. 61-348¹
[Wash. Cal. Rky.Mts.
ovatus Knull 34-9 Cal.
griseus Beauv. 05-214⁴ Ct.-Ind. Ont.
interstitialis Melsh. 46-215⁴
rudis Brown 33-175 Ont. Ind.
rectangularis Fall 34-30 Tex.
flavomarginatus Knull 38-20 Ohio
pilosulus Cand. 91-149⁵ Cal.
pilosus || Lec. 53-432¹
æger Lec. 53-431 N.B.-Alb.-Pa.
knulli Fall 33-229¹

- basilaris Say 23-172 E.U.S. Fla. Mo.
v.semianeus Lec. 53-432¹ Ga. Fla.
insperatus Brown 33-175 Cal.
sinuifrons Fall 07-227 N.Mex.
ovatus Knull 34-9¹
ectypus Say 39-167⁵ Pa. Me.
agonus Say 39-171⁵ Pa.

Elathous

- brevicornis Fall 34-30 Cal.
brunnellus Fall 34-31 Cal.

Athous

- rufiventris Esch. 22-71
ferruginosus Esch. 29-33⁶
paradisus Knull 34-10 Ariz.

Ludius

- ochreipennis Lec. 63-85⁷
[B.C. Y.T. N.W.T.
watsoni Brown 36-179⁷ Que.
hoppingi VanD. 33-434⁷
[B.C. Wash. Y.T.
bipunctatus Brown 36-180⁷ B.C. Alb.
exclamationis Fall 10-135⁷ Cal.
hieroglyphicus Say 39-172⁷ N.H.-Pa.-
bicornis Cand.⁷ [Que.-Man.
ctenicerus G. & H. 69-1577⁷
pudicus Brown 36-183⁷ B.C. Alb.
propola Lec. 53-437⁷
s.propola (s.str.)⁷ N.S.-L.Sup.
furcifer Lec. 53-433⁷
s.columbianus Brown 36-185⁷ B.C.
pallidipes Brown 36-185⁷ Cal.
californicus Brown 36-186⁷ Cal.
nubilis || Lec. 53-438⁷
candidus Brown 36-186⁷ Cal.

* * *

- cribrosus Lec. 53-443⁸ Cal.
colossus Lec. 61-348⁸ Cal.
maurus Lec. 53-444⁸ Cal.-B.C.
æthiops Hbst. 06-70⁸ Md. Tenn.
migrans Cast. 40-241⁸
depressus G. & H. 69-1574⁸
?signaticollis Melsh. 46-216⁸
?subcanaliculatus Mots. 59-375⁸
?rufipes Mots. 59-377⁸

* * *

- spinosus Lec. 53-447⁹ Newf.-Ont.
stricklandi Brown 35-219⁹ Ont.-Alb.
crestonsensis Brown 35-219⁹ B.C. Ida.
umbicola Esch. 29-34⁹ Alas. B.C.
rudis Mots. 59-376⁹
varius Brown 35-220⁹ Wash.
volitans Esch. 29-34⁹ Alas. B.C.
vulneratus Lec. 63-86⁹ N.S.-N.C.

* * *

²⁷ Reduced to subfamily of Elateridæ by Sloop—35.

¹ Fall—34.

² Used as valid by Fall—34.

³ Graves—38.

⁴ Brown—33.

⁵ As distinct species, Fall—34.

⁶ Van Dyke in litt.

⁷ Revision of propola-group, Brown—36.

⁸ Revision of cribrosus-group, Brown—35.

⁹ Revision of the volitans-group, Brown—35.

triundatus Rand. 38-12²⁰
 [N.B.-N.H.-B.C.
 nebraskensis Bland 63-355¹⁰ B.C. Mont.
 tigrinus Fall 01-306¹⁰ Cal.
trigrinus Brown 36-107

* * *

medianus Germ. 43-71¹¹ N.S.-L.Sup.-
rubidipennis Lec. 53-437¹¹ [Mass.
 bombycinus Germ. 43-70¹¹
 [Ore. B.C. Alb.
 fallax Say 39-605¹¹ Que. L.Sup.
 viduus Brown 36-103¹¹ B.C.
 semiluteus Lec. 53-445¹¹ Cal.
 mirabilis Fall 01-306¹¹ Cal.
 ?elegans Cand. 82-97^{11 12} Cal.
candezei Leng 18-205^{11 12}
 (sericeus Gelb., not North American)¹³
 (tesselatus Linn., not No. American)¹¹

* * *

splendens Zieg. 44-44¹⁴ Que. Ont. Mass.
metallicus G. & H. 69-1580¹⁴ [Pa.
 æripennis Kby. 37-150^{12 14}
 s.æripennis (s.str.)¹⁴ Alas.-Wash.-
tinctus Lec. 59-85^{12 14} [Wyo.
elegans of Schw. 07-225^{12 14} [NWT
 s.destructor Brown 35-129^{14 15}
 [Alas.-N.D.
 montanus Brown 35-129¹⁴ B.C.-Ore.
 appropinquans Rand. 38-5¹⁴
 [N.S.-Me.-Wis.
 darlingtoni Brown 35-131¹⁴ N.H. Me.
 semimetallus Walk. 66-325¹⁴
 [B.C.-Ida.-Alb.
 carbo Lec. 53-439¹⁴ Ore.-Colo.-Mont.
 lateralis Lec. 53-439¹⁴ B.C. Ore.
 imitans Brown 35-134¹⁴ Cal.
 prulninus Horn 71-320¹⁴ Cal.-B.C.-Neb.
pruinus Schw. 07-226¹⁴
pruinusculus Schw. 07-316¹⁴
noxius Hyslop 14-69¹⁴
 ?confluens Gebl. 30-80¹⁴ Asia, Alas.
 ?quadrivittatus Walk. 66-325¹⁴ B.C.

* * *

nitidulus Lec. 53-439¹⁶ N.S.-Alb.
 rufopleuralis Fall 34-188¹⁶
 [N.B.-Mass.-Man.
 aratus Lec. 53-438¹⁶ N.S.-L.Sup.
 (nigricornis Panz., not No. Amer.)¹⁶

* * *

inflatus Say 25-392¹⁷ Que.-S.C.-Ind.
metallicus Say 25-392¹⁷
 glaucus Germ. 43-76¹⁷ B.C.-Cal.-Ut.
similissimus Mots. 59-374¹⁷

* * *

callidus Brown 36-135¹⁷ B.C. Ida.
 inutilis Brown 36-136¹⁷ Cal.
 cruciatus Linn. 58-404¹⁸ Eur. N.A.
 s.pulcher Lec. 53-440¹⁸ N.S.-Ont.
 s.festivus Lec. 57-46¹⁸ B.C.-Ore.-Man.

* * *

edwardsi Horn 71-324¹⁹
 s.edwardsi (s.str.)¹⁹ Cal. Nev.
ater || VanD. 32-430¹⁹
 suckleyi Lec. 57-46¹⁹
 s.suckleyi (s.str.)¹⁹ B.C. Ore.
 s.olympiæ VanD. 32-431¹⁹ Wash.
 s.morulus Lec. 63-85¹⁹ Alas.-Ore.
 [Y.T.-Alb.
brunnipes Bland 64-67¹⁹
 sexualis Brown 35-8¹⁹ Sask. Alb. Wyo.

* * *

semivittatus Say 23-113²⁰ Mo.-Dak.-
 [Colo.
 blanditus Brown 36-13²⁰ Cal.
 sexguttatus Brown 36-14²⁰ Ore.
 trivittatus Lec. 53-443²⁰ Ga.-N.C.
 deceptor Brown 36-16²⁰ Cal.
 funereus Brown 36-16²⁰ B.C.
 castanicolor Fall 34-34²¹ N.Mex.
 ?oblongoguttatus Mots. 59-373²⁰ Cal.
 ?tristis Cand. 63-172²⁰ Vanc.Id.
 ?fuscus Lec. 63-48²⁰ Cal.
angustulus || Mots. 59-373²⁰

* * *

CORYMBITES Latr. 34-150²¹
 kaweana Fall 37-31 Cal.
rufipennis || Fall 10-134²¹
 conjungens Lec. 53-440¹ Cal.
præses Cand. 65-28 (Drasterius)¹
 elegans Cand. 82-97²²
candezei Leng 18-205²²
 æripennis Kby. 37-150²²
appropinquans Rand. 38-5²²
tinctus Lec. 59-85²²
semimetallus Walk. 66-325²²
elegans Leng 20-170 (in error)²²
 rufopleuralis Fall 34-188 Que.-Mass.
 [Mich.
 nigricans Fall 10-135²³ Cal.
 rotundicollis Say 25-259²³ Vt. Pa. Ind.
diversicolor Esch. 29-34¹ [Cal.
 castanicolor Fall 34-34 N.Mex.
 Eanus Lec. 62-171¹
 (Paronomus || Kies. 63-303)¹
 striatipennis Brown 36-248 B.C. Ore.
 maculipennis Lec. 66-85²³ Lab. Can.
pictus Cand. 63-177¹
 hatchi Lane 38-188 Wash.
 estriatus Lec. 53-434
subarcticus Brown 30-163¹ Que.
 decoratus Mannh. 53-434 Can.
parvicollis Mannh. 53-229¹⁵ Lapland

¹⁰ Revision of the triundatus-group, Brown—36.

¹¹ Revision of the fallax-group, Brown—36.

¹² See end of genus for corrected synonymy.

¹³ Schenklings—27.

¹⁴ Revision of the æripennis-group, Brown—35.

¹⁵ Brown—36.

¹⁶ Revision of the nitidulus-group, Brown—36.

¹⁷ Revision of the inflatus-group, Brown—36.

¹ Fall—34.

¹⁸ Revision of the cruciatus-group, Brown—35.

¹⁹ Revision of the edwardsi-group, Brown—35.

²⁰ Revision of the semivittatus-group, Brown—36.

²¹ Fall—37.

²² By compiler; see also Brown—33 and 35.

²³ Valid species, Fall—34.

Hypnoidus

CRYPTOHYPNUS Esch. 36-105
valens Fall 34-18 Cal.

* * *

manki Fall 34-19 Mont.

Dalopius Esch. 29-34²⁴

* (*Dolopius* of authors)²⁴

virginicus Brown 34-38 W.Va.
cognatus Brown 34-38 N.S.-Ont.-W.Va.
vagus Brown 34-66 N.B.-Man.-W.Va.
insolitus Brown 34-67 Ont. Que.
fuscipes Brown 34-68 Que.
pennsylvanicus Brown 34-68 Pa.
vernus Brown 34-69 Que.-Man.
brevicornis Brown 34-69 Que. Ont.
agnellus Brown 34-70 Que. N.B.
gentilis Brown 34-71 Ont. Que.
parvulus Brown 34-71 Sask. Man.
pallidus Brown 34-87 N.B.-Alb.
gartrelli Brown 34-89 B.C.
luteolus Brown 34-89 Cal.
corvinus Brown 34-90 B.C.
usitatus Brown 34-90 Cal.
insolens Brown 34-91 B.C.
asellus Brown 34-91 B.C. Alb.
jucundus Brown 34-92 Cal.
gracilis Brown 34-92 Cal.
tularensis Brown 34-93 Cal.
dentatus Brown 34-94 Cal.
inordinatus Brown 34-94 Alb.
mirabilis Brown 34-95 Que.-Alb.
plutonicus Brown 34-95 Cal.
incomptus Brown 34-96 Cal.
lutulentus Brown 34-96 Cal.
validus Brown 34-102 Cal.
spretus Brown 34-103 B.C.
vetulus Brown 34-103 Cal.
partitus Brown 34-104 Cal.
effetus Brown 34-104 Cal.
suspectus Brown 34-104 B.C.
fucatus Brown 34-105 Alb. B.C.
tristis Brown 34-105 B.C.
manipularis Brown 34-107 Cal.
ignobilis Brown 34-107 Cal.
improvidus Brown 34-108 Cal.
insulanus Brown 34-108 B.C.
invidiosus Brown 34-109 Cal.
maritimus Brown 34-109 B.C.
mutabilis Brown 34-110 Cal.
?californicus Mann. 43-243²⁴ Cal.
 lateralis || Esch. 29-34²⁴
 pauperatus Cand. 63-434 (Sericoso-
 [*mus*]²⁴
?sellatus Mannh. 52-328²⁴ Alaska
?pauper Lec. 53-458²⁴ Atl. N.A.
?subustus Lec. 53-458²⁴ Cal.
?macer Lec. 57-47 (Agriotes)²⁴ Ore.
?simplex Mots. 59-378²⁴ Cal.
?sericatus Mots. 59-379²⁴ Cal.
?nevadensis Lec. 84-17 (Agriotes)²⁴

Agriotes

tardus Brown 33-177 Alb. B.C.
quebecensis Brown 33-177 N.C.-Ont. Me.
opaculus Lec. 59-85 Cal. Id. Wyo.
 montanus Lec. 84-18¹⁵
arcanus Brown 33-178^{25 26}
isabellinus Melsh. 46-218²⁵ Pa.
oblongicollis Melsh. 46-218²⁵ M.St. Ct.
[Ind.]

Agriotella Brown 33-179

bigeminata Rand. 33-37²⁷ N.S.-Ont.-
[Mass.]
occidentalis Brown 33-180 B.C. Alb.
californica Schffr. 17-42²⁷ Cal.
columbiana Brown 33-182 B.C. Cal.

Drasterius²⁸

dorsalis Say 23-167²⁸ N.A.
comis Lec. 53-484²⁸ N.A.
livens Lec. 53-484²⁸ Cal. Mex.
amabilis Lec. 53-485²⁸ M.St. S.St.
 fretus Csy. 85-171²⁸
nigriventris Schffr. 17-41²⁸ Tex.
scutellatus Schffr. 17-41²⁸ Tex.
debilis Lec. 78-405 Fla.
 incongruus Fall 34-12²⁹ Que.

Ampedus Germ. 44-153

(*Elater* of authors)³⁰

obscurus Knull 38-97 Nev.
varipilis VanD. 32-306 Cal.
 s.columbianus Brown 33-136 B.C.
[VanId.]
quebecensis Brown 33-137 Que.
evansi Brown 33-137 N.B.-Ont.
areolatus Say 23-167 Ont.
 pusto Germ. (not Lec. or Cand.)³¹
luteolus Lec. 53-471 Ont. N.C.
 pusio Lec. and Cand. (*Elater*)³¹
melanotoides Brown 33-134 Ont. Pa.
laurentinus Brown 33-135 Que. Ont.

Blauta

falli Brown 36-251 Fla.

Megapenthes

solitarius Fall 34-15³² N.Y.
granulosus Melsh. 44-159³³ Fla.-Conn.
(*sturmii* Germ., not North American)²⁹
dolosus Brown 33-140 Cal.
stigmatosus Lec. 53-472³¹ N.B.-B.C.
caprella Lec. 57-47³¹ Ore. B.C.
 s.californicus Brown 33-140 Cal.

²⁵ Valid species, Brown—36.

²⁶ As synonym of *isabellinus*, Fall—34.

²⁷ Transferred to new genus from *Betarmon*, Brown—33.

²⁸ These species belong here with some others, Fall—34.

²⁹ Fall—34.

³⁰ Implied by Knull—38 and Brown—33.

³¹ Brown—33.

³² Neither this species, *lepidus* Lec. *tarsalis* Schffr., nor *illinoensis* VanD. belong in this genus, Fall—34.

³³ Valid species, Fall—34.

²⁴ Revision of genus, Brown—34.

Anchastus

fumicollis Fall 34-17	Fla.
longulus Lec. 78-404 ³³	Fla.
uniquus Knull 38-98	Tex.
subdepressus Fall 34-18	Ariz.

Melanotus ³⁴

longulus Lec. 53-473 ³⁴	Cal.
oregonensis Lec. 53-480 ³⁴	Cal.-B.C.-Ut.
franciscanus VanD. 32-332 ³⁴	Cal.
variolatus Lec. 61-377 ³⁴	Cal.

Horistonotus

pallidus Fall 34-21	Cal.
fidelis Fall 34-21	Cal. Nev.
s.fuscus Fall 34-22	Ariz.

Esthesopus

flavidus Fall 01-240 (Horistonotus) ²⁹	[Cal.]
indistinctus Fall 34-23	Cal.

MELASIDÆ**Melasis**

rufipalpis Chevr. 35-193 ³⁵	Guat. Mex.
	[Ariz.]

BUPRESTIDÆ**Chrysophana**

placida	
a.cœrulans Obenb. 24-100 ^{1,2}	
v.strandi Obenb. 36-106	Cal.
v.cupriola VanD. 37-105	Cal.
s.conicola VanD. 37-105	Cal.

Polycesta Sol. ³ (for 32-281 read 33-281) ⁴

* 9306, for 78-144 read 85-144 ⁴	
angulosa Duval 57-62 ³	Fla. Ala.
obtusula Lec. 58-68 ³	
velasco Gory 38-5 ³	Tex.-Cal. L. Cal.
	[Mex.]
arizonica Schffr. 06-21 ³	Cal.-Ariz.
elata Lec. 58-68 ³	Tex.
?cavata Lec. 58-68 ³	?Ala.
cyaneus Chamb. 33-41 ³	Cal.
tularensis Chamb. 38-445	Cal.
californica Lec. 57-45 ³	Cal. Ore.
cribrana Mots. 59-182 ³	
bernardensis Obenb. 24-35 ³	

Acmæodera

resplendens VanD. 37-106	Ariz.
delumbis Horn 94-378 ⁵	
robusta	
s.dubolsi Cazier 38-138	Cal.

²⁹ Fall—34.³³ Valid species, Fall—34.³⁴ Revision of California species, Fall—34.³⁵ Fall—33.¹ Obenberger—36.² Van Dyke—37.³ Revision of genus, Chamberlin—33.⁴ Chamberlin in litt.⁵ Valid species or variety, Duncan—34.

uvaldensis Knull 36-73	Tex.
yumæ Knull 37-301	Ariz.
adenostomæ Cazier 38-137	Cal.
nigrovittata VanD. 34-61 ⁶	Cal.
simulata VanD. 37-108	Cal.
mariposa	
s.bernardino VanD. 37-109	Cal.
papagonis Duncan 34-231	Ariz.
vanduzeei VanD. 34-64	L. Cal.
varipilis VanD. 34-62	G. of Cal. Tex.
	[Ariz.]
vulturei Knull 38-228	Cal.
constricticollis Knull 37-301	Ariz.
biedermanni Skinner 03-239 ⁷	Ariz.
lineipicta Fall 31-81 ^{7,8}	Ariz.
sabinæ Knull 37-15	Ariz.
rossi Cazier 37-115	Cal.
humeralis Cazier 38-12	Cal.
jaguarina Knull 38-135	Ariz.
mimicata Knull 38-136	Ariz.

Tyndaris

* balli Knull 37-302	Ariz.
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Paratyndaris Fisher 19-92 ⁹

* (Tyndaris of authors) ¹⁰	
anomalis Knull 37-252 ⁹	Nev.
tucsoni Knull 38-21	Ariz.
albofasciata Knull 37-253 ⁹	Ariz.
barberi Skinn. 03-238 ⁹	Nev. Ariz.
cincta Horn 85-147 ⁹	Tex.
acaciæ Knull 37-254 ⁹	Tex. N.M.
olneyæ Skinn. 03-236 ⁹	Nev. Ariz.
prosopis Skinn. 03-237 ⁹	Tex.
coursetiæ Fisher 19-93 ⁹	Ariz.
quadrinotata Knull 38-22	Ariz.
chamæleonis Skinn. 03-237 ⁹	Tex.
suturalis Fall 34-193 ⁹	Fla.

Thrinopyge

alacris	
v.strandi Obenb. 36-104	Tex.

Agæocera

gigas Cast. & Gory 39-2 ¹¹	Mex. Ariz.
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Hippomelas

pacifica Chamb. 38-446	Cal.
9313, for 76-288 read 83-288 ⁴	

Texania

strandii Obenb. 36-109	U.S.A. ¹²
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Psiloptera

riograndei Knull 37-16	Tex.
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⁶ Possibly a synonym of lineipicta, Fall—34.⁷ Cited as distinct species, Fall in litt.⁸ Listed as a synonym of biedermanni, Van Dyke—34.⁹ Revision of genus, Knull—37.¹⁰ Obenberger—Col. Cat. p. 84.¹¹ Fall—34.¹² "U.S.A.: Fort Madison."—Obenberger—36.

Dicerca

- 9333, for 23-13 read 23-163¹⁴
hesperoborealis Hatch & Beer 38-151
 [Wash.
tenebrica Kby. 37-155
prolongata Lec. 59-194⁸
sexualis Cr. 73-87 Cal.-Wash.
californica Cr. 73-87^{8 13}
obscura Fab. 81-274
mutica Lec. 59-196⁸

Hesperorhipis

- (*Hesperorhipis* of 2nd suppl. p. 29)¹⁴
mirabilis Knull 37-303 Ariz.
hyperbolus Knull 38-137 Ariz.

Buprestis

- intricata* Csy. 09-118¹⁵ Cal.
maculativentris Say. 24-272
v.subornata Lec. 59-208¹⁶
rusticorum Kby. 37-151¹⁵ B.C.-Cal.-Ar.
nuttalli Kby. 37-152
alternans Lec. 59-207¹⁹
consularis Gory 40-120¹⁸
langi Mannh. 43-237¹⁵ Alas.-Ore.
murrayanæ R.Hopp. 34-174
contortæ || R.Hopp. 33-84^{18 17}

Xenorhipis

- osborni* Knull 36-73 Tex.

Melanophila Esch. 29-9¹⁸* **MELANOPHILA** (s.str.)¹⁸

- conspuita* Lec. 57-44¹⁶ Cal. Ariz.
monochroa Obenb. 28-209¹⁸
isolata Obenb. 28-209¹⁸
notata Cast. 37-4¹⁵ Fla.-Mex.-M.St.
luteosignata Mannh. 37-70¹⁸ [Cuba
 s.elegans Sloop 37-7 Ariz.
opaca Lec. 59-213¹⁵ Fla. Ga.
notata Cr. 73-89¹⁸
acuminata DeG. 74-133¹⁵ No.Holarctic
acuta Gmel. 88-1939¹⁸
morio Fabr. 92-210¹⁶
appendiculata Fabr. 92-210¹⁸
pecchiolii Cast. & Gory. 37-33¹⁵
longipes Say 23-164¹⁸
immaculata Mannh. 37-70¹⁸
occidentalis Obenb. 28-209¹⁵ Cal.
atropurpurea Say 36-213¹⁶ Ariz.-Ut.-
 [Ark.

PHÆNOPS Lac. 57-47¹⁸

- obtusa* Horn 82-106¹⁸ Ga.
intrusa Horn 82-105¹⁸ Pac.Cst.
æneola Melsh. 46-146¹⁸ E.&M.&S.Sts.
metallica Melsh. 46-146¹⁸
carolina Manee 13-164¹⁸ N.C.

- drummondi* Kby. 37-159¹⁶ Cal.-Wash.
vabies Champl. & Kn. 23-105 N.B.¹⁹
abietis Obenb. 30-441¹⁸
gentilis Lec. 63-42¹⁶ Pac.Cst.
prasina Lec. 60-254¹⁸
pini-edulis Burke 08-117¹⁸ Colo. Ut.
 [Ariz.
fulvoguttata Harris 29-2¹⁸ N.E.N.A.
octospilota Cast. & Gory 37-4¹⁸
croceosignata Cast. & Gory 37-5¹⁸
decolorata Cast. & Gory 37-5¹⁹
guttulata Hamilt. 89-138¹⁸
cauta Dej. 33-89¹⁵
drummondi Kby. 37-159¹⁶ Ore.-Ariz.
umbellatarrum Kby. 37-159¹⁹
guttulata Mannh. 53-221¹⁸
a.tristicula Obenb. 28-209¹⁸
?lecontei Obenb. 28-210¹⁵ Cal.
arcuata Fall 31-83¹⁹ Ariz.

XENOMELANOPHILA Sloop
[37-18
N.Mex.

- miranda* Lec. 54-83¹⁶

Anthaxia

- viridifrons*
californica VanD. 18-54¹⁸ Cal.
a.basicyanea Obenb. 36-134 N.J. Pa.
a.embrikaria Obenb. 36-134 Can.-
 [N.J.-Ind.
vandykeana Obenb. 36-135 Cal.
embrik-strandella Obenb. 36-135 Cal.
serripennis Obenb. 36-136 Iowa
quercata
a.floridana Obenb. 36-134 Fla.
cyanella
a.rossi Obenb. 36-134 Ky. Pa.

Chrysobothris

- atrifasciata* Lec. 73-332
atrofasciata of Leng Cat. p. 182¹⁹
platti Cazier 38-14 Cal.
alleni Cazier 38-15 Ariz.
schæfferi Obenb. 34-649 L.Cal.
thoracica || Schifr. 05-128²⁰
scotti Chamb. 38-11 N.Mex.
chiricahuæ Knull 37-37 Ariz.
kelloggi Knull 37-36 N.Mex.
iris VanD. 37-110 Utah
grandis Chamb. 38-14 Ore.
parapiuta Knull 38-138 Ariz.
arizonica Chamb. 38-13 Ariz.
oregona Chamb. 34-38 Ore.
grindeliæ VanD. 37-111 Cal.
canadensis Chamb. 34-37 Alb. Ore.
cupreohumeralis VanD. 34-65 Tex.
boharti VanD. 34-89 Cal.
acaciæ Knull 36-105 Tex.
 9472, for 86-108 read 86-101¹⁹
bisinuata Chamb. 38-13 Cal.
calcarata Chamb. 38-12 Ariz.
planomarginata Chamb. 38-10 Ore.
Knowltonia Fisher 35-117²¹
 * *biramosa* Fisher 35-118 Utah

¹³ This synonymy conflicts with that given by Obenberger—Col. Cat. p. 111.

¹⁴ Fall in litt.

¹⁵ Distinct species, R.Hopping—33.

¹⁶ R.Hopping—33.

¹⁷ Casey's name was spelled *contorta* and might therefore be considered not to invalidate *contortæ* of Hopping.

¹⁸ Revision of genus, Sloop—37.

¹⁹ Chamberlin in litt.

²⁰ Obenberger—34.

²¹ Considered a synonym of *Chrysobothris* by Cazier—38.

- Engyaulus* Waterh. 89-50
 * *pulchellus* Bland 65-382 Colo. Ariz.
pinalicus Wickh. 03-69 ²² [N.M.]

Agrilus

- santaritæ* Knull 37-39 Ariz.
arizonicus Obenb. 36-139 Ariz.
strigicollis Fall 12-41 ¹
sapindi Knull 38-139 Tex.
shoemakeri Knull 38-99 Ariz.
parkeri Knull 35-189 Ariz.
neabditus Knull 35-190 Ariz.
exhauchucæ Knull 37-305 Ariz.
apachei Knull 38-139 Ariz.
9542, for 25-241 read 25-251 ¹⁸
cercidii Knull 37-304 Ariz.
esperanza Knull 35-96 Tex.
arizonus Knull 34-11 Ariz.
osburni Knull 37-38 Ohio
viridescens Knull 35-97 Tex.
parapubescens Knull 34-68 Ariz.
wenzeli Knull 34-333 Ariz.
rubicola Abeille 97-4 ²² Eur. E.N.A.
viridis of authors ²³
proximus Rey 91-19 ²³
obtusus Abeille 97-5 ²³
antiquus Gavoy 26-15 ²³
chrysoderes Bedel 21-204 ²³
fagi Glover 78-A33 ²³
politus Weiss 14-438 ²³
v. communis Obenb. 24-41 ²³ Eur.
[E.N.A.]
neoprosopidus Knull 38-99 Tex.
cavifrons Waterh. 89-189 ²⁴ Mex. Ariz.

Paragrilus Saund. 71-127 ²⁵

- (*Clinocera* Deyr. 64-116) ²⁵
(*Rhombocelis* Lec. 63-82, part) ²⁵
lesueuri Waterh. 89-126 ²⁵ S.A. C.A.
[?Ariz.]
tenuis Lec. 63-82 ²⁵ N.Y.-Fla.-Ill.
texanus Schffr. 04-211 ²⁵ Tex.

Taphrocerus Sol. 33-314 ²⁶

- * *howardi* Obenb. 34-42 Fla.
gracilis Say 25-253 ²⁶ E.U.S.-Ia.-Ariz.
alboguttatus Mannh. 37-120 ²⁶
cylindricollis Kerr 96-312 ²⁶
texanus Kerr. 96-312 ²⁶
nicolayi Obenb. 24-55 ²⁶ N.Y. Mass.
albonotatus Blatch. 19-29 ²⁶ Fla.-N.C.
floridanus Obenb. 34-48 Fla.
lævicollis Lec. 78-403 ²⁶ Fla. Ala.
agriloides Cr. 73-96 ²⁶ Fla.-Tex.
puncticollis Schw. 78-363 ²⁶ Fla. Ala.

Mastogenius

- subcyaneus*
s.crenulatus Knull 34-334 N.J.-Fla.-
[La.]

DRYOPOIDEA ¹**LIMNICHIDÆ** ¹**Limnichinæ** ¹*Limnichites* ¹*Lutrochus* ¹**Cephalobyrrhinæ** ¹*Throscinus* ¹**DRYOPIDÆ** ¹**Dryopinæ** (*Pelonominæ*) ¹*Pelonomus* ¹*Oberonus* ¹*Dryops* ¹*Helichus* Er. 47-510 ^{1,2}(*Dryops* of Leach 17-88) ²(*Parygrus* Er. 47-510) ²(*Pachyparnus* Fairm. 88-338) ²*productus* Lec. 52-43 ² Cal.*lmmsi* Hntn. 37-318 Cal. Ariz. Tex.*propinquus* Hntn. 35-68 L. Cal.*confluentus* Hntn. 35-71 ² Ga.-Ariz.*longulus* Musg. MS ²*lithophilus* Germ. 24-88 ² Can.-Fla.-Ia.*basalis* Lec. 52-43 ² Mass.-Ga.*falli* Musg. MS ²*fastigiatus* Say 24-275 ² Mass.-Fla.-Kan.*striatus* Lec. 52-43 ² Que.-Cal.-B.C.*v. foveatus* Lec. 52-43 ²*columbianus* Brown 31-118 ²*triangularis* Musg. 35-143 ² Ariz. Tex.*suturalis* Lec. 52-43 ² Cal. C.A.*gilensis* Lec. 52-43 ^{2,4}*aqualis* Lec. 54-81 ^{2,4}*elmoides* Shp. 82-121 ⁴*puncticollis* Shp. 82-121 ³ Ariz. ?C.A.**PSEPHENIDÆ** ¹**Psepheninæ** ¹*Psephenus* ¹¹ Obenberger—36.¹⁹ Chamberlin in litt.²² Obenberger—35.²³ Obenberger—Col. Cat. p. 152.²⁴ Knull—37.²⁵ Revision of the genus, Obenberger—35.²⁶ Revision of genus, Obenberger—34.¹ Notes on relationships of families, subfamilies, and genera, Hinton—39.² Revision of genus, Musgrave—35.³ Hinton—36.⁴ Hinton—37.⁵ Hinton—34.

Eubrianacinæ¹**Eubrianax**¹**ELMIDÆ (Helmidae)**¹**Larinæ**¹**Lara**¹**Phanocerus**¹**Elminæ**¹**ELMINI**¹**Elsianus**¹**Stenelmis** Duf. 35-158^c

- nubifera Fall 01-238 Cal. Ore. Wash.
 sexlineata Sandn. 38-663 Kan. Tex.
 crenata Say 24-275 N.B.-Ala.-Tex.
 sordida Mots. 59-51^c
 exigua Sandn. 38-669 Ark.
 beameri Sandn. 33-671 Mo. Ark.
 lateralis Sandn. 38-672 Pa.-Va.-Ark.
 concinna Sandn. 38-674 Que.-N.C.
 tarsalis Sandn. 33-675 Ont.-W.Va.-Okla.
 knobeli Sandn. 38-677 Ark.
 bicarinata Lec. 52-44 Vt.-Tex.
 exilis Sandn. 38-680 Ark.
 mera Sandn. 38-682 Que.-N.C.-Ark.
 douglasensis Sandn. 38-685 Mich.
 grossa Sandn. 38-686 Miss. La. Ark.
 parva Sandn. 38-688 Okla. Tex.
 fuscata Blatch. 25-164 Fla.
 hungerfordi Sandn. 33-690 Fla.
 humerosa Mots. 59-50 Mass.-S.C. Tenn.
 linearis Zimm. 69-259^c
 mirabilis Sandn. 38-693 Conn. N.C. S.C.
 antennalis Sandn. 38-695 Fla. Ala. Miss.
 quadrimaculata Horn 70-40 Que.-D.C.-
 sulcatus Blatch. 10-681^c [Mich.
 blatchleyi Musg. 33-57^c
 musgravei Sandn. 38-698 N.Y.-Va.-Mo.
 sinuata Lec. 52-44 Ga.-S.C.-Miss.
 decorata Sandn. 38-701 D.C. Ind. Kan.
 vittipennis Zimm. 69-259 Que.-S.C.-Kan.
 convexula Sandn. 38-704 Fla.
 märkelii Mots. 54-12 Mass.-Ark.
 ?canaliculata Gyll. 08-552^c Eur.
 elongata Mots. 59-51^c ?N.A.

Simsonia Carter & Zeck 29-58^{1 3}

- * vittata Melsh. 44-99³ N.Y. Ind. Man.
 bivittata Lec. 52-44³ Wis.
 quadrinotata Say 25-187³ M.St. Can.
 brunescens Fall 25-177³ Cal.
 dietrichi Musg. 33-54³ Fla. Ga. Miss.

Elmis¹

- immunis Fall 25-178
 cryophilus Musg. 32-79¹
 addenda Fall 07-226⁴
 ornata Schffr. 11-120⁸

Narpus Csy. 93-582^{1 9}

- * concolor Lec. 81-75⁹ B.C. Alb. Wash.
 solutus Brown 33-46^{1 9}
 angustus Csy. 93-583⁹ Cal.
 angustatus Hntn. 36-57
 arizonica Brown 30-90⁹ Ariz.

Heterlimnius Hntn. 35-178¹

- * kœbeleï Martin 27-68¹⁰ Wash.
 divergens Lec. 74-52¹⁰ B.C. Cal.
 tardellus Fall 25-179¹⁰ Mass.
 cryophilus Musg. 32-79¹⁰ Tenn.
 subarcticus Brown 30-241^{10 11} Que.
 trivittatus Brown 30-91¹⁰ Que.
 ovalis Lec. 63-74¹⁰ Pa. Ind.
 elegans Lec. 52-43¹⁰ Vt.
 quadrimaculatus Horn 70-37¹⁰ Cal.

Microcyllopus Hntn. 35-178^{1 10}

- * pusillus Lec. 52-44¹⁰ M.St. Can.
 s. apta Musg. 33-56 Va. Fla.
 s. perditæ Musg. 33-56 Fla.
 s. lödingi Musg. 33-56 Ala. Miss.
 foveatus Lec. 74-53¹⁰ Cal.
 similis Horn 70-38¹⁰ Ariz.

Neelmis Musg. 35-34^{1 12}

- * cæsa Lec. 74-53¹² Tex.

Limnius Er. 47-522^{1 13}

- * latiusculus Lec. 66-380¹³ Pa.

Heterelmis¹

- browni Hatch 38-16 Mont.

ANCYRONYCHINI¹**Macronychus** Müll. 06-207^{1 13}

- * glabratus Say 25-187¹³ E.U.S.
 thermæ Hatch 38-18 Mont.

Ancyronyx¹**Zaitzevia** Champ. 23-170^{1 13}

- * parvulus Horn 70-41¹³ B.C. Cal.
 columbiensis Angell 92-84¹⁴

¹ Fall—34.⁸ Cited as probably the only American species remaining in the genus, Hinton—35.⁹ Review of genus, transferred from Dryopini, Hinton—36.¹⁰ Revision of genus, Hinton—35.¹¹ As synonym of *tardellus*, Fall—34.¹² Revision of genus, Musgrave—35.¹³ Revision of genus, Hinton—36.¹⁴ Sanderson—38.^c Revision of genus, Sanderson—38.

HETEROCERIDÆ

Heterocerus

LITTORIMUS Gozis 85-120
compactus Fall 37-30 Man. Ia.

DASCILLIDÆ

Macropogon Mots. 45-38¹⁵

* sequoiæ Hopping 36-46¹⁵ Cal.
testaceipennis Mots. 59-362¹⁵ Cal.-B.C.
rubricollis Pic 27-34¹⁵
cribricollis Brown 29-274^{15 16}

piceus Lec. 61-362¹⁵ N.B.-Ill.-B.C.
rufipes Horn 80-79¹⁵
dubius Brown 29-273^{15 16}

Anorus Lec. 59-86¹⁷

* picens Lec. 59-87¹⁷ Cal. L.Cal.
parvicollis Horn 94-365¹⁷ Ariz.
arizonicus Blais. 34-323 Ariz.

CHELONARIIDÆ

Chelonarium Fabr. 01-101¹⁸

* lecontei Thoms. 67-84¹⁸ Fla.

NITIDULIDÆ

Brachypterolus Grouv. 13-387

* pulicarius Linn. 58-357¹⁹ Eur. Wis.
[N.Eng.]

Carpophilus

humeralis Fab. 98-74 Cal. Fla.
rickseckeri Fall 10-124²⁰

Nitidula

carnaria Schall. 83-257¹⁹ Eur. Wis. Cal.

Phenolia Er. 43-299²¹

* grossa Fabr. 01-347²¹ Can.-Me.-Wyo.-
[Tex.]

Soronia Er. 43-277²¹

* guttulata Lec. 63-64²¹ N.Y.-Ore.-Ariz.

Lohiopa Er. 43-291²¹

* setosa Harold 68-104²¹ Mass.-Ut.-B.C.
setulosa || Lec. 63-63²¹
substriata Hamilt. 93-306²¹
oblonga Parsons 39-159 Cal.
undulata Say 25-179²¹ Me.-Fla.-Mich.-
[Mex.]

falli Parsons 39-161 Ariz.
brunnescens Blatch. 17-238²¹ Fla. Mass.
punctata Parsons 39-163 Fla. Jamaica
?insularis Cast. 40-10²¹ Gulf.St.

Amphotis Er. 43-290²¹

* ulkei Lec. 66-376²¹ Mass.-D.C.
schwarzi Ulke 87-77²¹ Va. Ala. N.C.

Pocadius Er. 43-318²²

* fulvipennis Er. 43-319²² Mex. Cal.
dorsalis Horn 79-311²²
helvolus Er. 43-320²² Conn.-Ga.-B.C.-
breviusculus Reitt. 76-318²² [Tex.
ferrugineus Chevr. 63-604²² [Mex.
infuscatus Reitt. 74-94²² [W.I.
limbatus Reitt. 74-95²²
niger Parsons 36-116 N.M. Ariz.
fulvipennis || Fall & Ckll. 07-175²²
basalis Schffr. 11-117²² Ariz.

Cryptarcha Shuck. 39-165²³

CRYPTARCHA (s.str.)²³
ampla Er. 43-356²³ Que.-Fla.-Cal.-Or.
(grandicollis Reitt., not No. Amer.)²³
glabra Schffr. 09-375²³ Ariz.
strigatula Parsons 38-93 Mass.-Ga.-
[Mich. Tex.]

strigata of authors (not Fabr.)

concinna || Reitt. 73-150²³

LEPIARCHA Shp. 91-385²³

(Cryptarchula Ggib. 99-551)²³

gila Parsons 38-99 Ariz. Cal.
concinna Melsh. 53-41²³ Mass.-Fla.-
liturata Lec. 63-30²³ [Cal.-Ore.
picta Melsh. 46-107²³
bella Reitt. 73-150²³

HEMIPEPLIDÆ

Hemipeplus²⁴

EROTYLIDÆ

Ischyryus

quadripunctatus Oliv. 91-437
alabamæ Schffr. 31-175²⁵
a.antedivisa Mader 38-19 (no. loc.)

CRYPTOPHAGIDÆ

Cryptophagus

dentatus Hbst. 93-15^{26 27} Arctic N.A.
blumi Blais. 37-153 Mont.

¹⁴ Revision of genus, R.Hopping—36.

¹⁶ Fall—34.

¹⁷ Revision of genus, Blaisdell—34.

¹⁹ Placed in Dryopidæ by Mequignon—34.

²⁰ Dodge—37.

²¹ Parsons in litt.

²² Revision of group of genera, Parsons—39.

²³ Revision of genus, Parsons—36.

²⁴ Revision of genus, Parsons—38.

²⁵ Transferred from Cucujidæ (and placed near

Melandryidæ and Oedemeridæ) by H. Scott—33.

²⁶ Mader—38.

²⁷ Brown—37.

²⁸ Blair—33.

COLYDIIDÆ

RHAGODERINI ²⁸

ORTHOCERINI

Rhagodera ²⁹

CORTICINI

Anchomma ²⁹

* * *

Phlæonemus

(adhærens Shp., not No. American)²⁹Microsicus ³⁰parvulus Guer. 29-189 ³⁰ S.U.S. Mex.
setosus Shp. 94-456 ³⁰Lasconotus Er. 46-258 ³¹*(Illestus* Pascoe 63-33)²⁹*(Lado* Wankow. 67-249)²⁹*(Othismopteryx* Sahlb. 71-44)²⁹

Aulonium

bidentatum Fab. 01-556 ³² L. Cal. C.A.
[W.I.]Lapethus Csy. 90-317 ³³*(Lytopeplus* Shp. 95-494)*(Brachylon* Gorh. 98-256)

LATHRIDIIDÆ

Corticaria

linearis Payk. 98-302 ³⁴ Eur. Sib.
[Greenl.]

Enicmus

tricarinatus Brown 34-22 Sask.

MYCETÆIDÆ

Stethorhanis

borealis Blais. 34-325 B.C.

²⁸ This tribe unnecessary, the genera placed elsewhere, Hinton—35.²⁹ Hinton—35.³⁰ Hinton—36.³¹ This name was not validated by Erichson in 1845 (1846). Hinton—35 credits it to Leconte 59-282 but Lacordaire was earlier.³² Fall—34.³³ Placed in Murmidiidæ by Leng but in Colydiidæ by Hinton—36.³⁴ Carpenter—38.

COCCINELLIDÆ

Hyperaspis

leachi Nunen. 34-19 Cal.
biornatus Nunen. 34-18 Cal.
fimbriolata Melsh. 46-180
s.marginatus Gaines 33-263 Tex.

Hyperaspidius

horni Nunen. 34-19 N.J.

Scymnus

maderi Nunen. 37-183 Cal.
quercus || Nunen. 34-18
scotti Nunen. 34-17 Cal.
schuberti Nunen. 34-17 Ariz. Cal.

Coccidula

suturalis Weise 95-132 ⁴⁵ Vanc.-N.J.
occidentalis Horn 95-114 ³⁵

Pssyllobora

plagiata Schffr. 08-125 Ariz.
kæbelei Nunen. 11-71 ³⁶

Ceratomegilla

cottlei Nunen. 34-20 Wyo.

Adonia

amœna Fald. 35-453 ³⁷ Alaska, Asia

Hippodamia

hoppingi Nunen. 34-21 Cal.
lunatomaculata Mots. 45-382
a.lengi Joh. 10-865 ³⁸ Cal.
nigromaculata Nunen. 34-20 (Ad-
[alia]) ³⁸

Cleis

concolor Crotch 74-142 ³⁸ Mex. ?Tex.Anatis Muls. 51-133 ³⁹* ocellata Linn. 58-366 ³⁹ Eur. Sib.s.halonis Lew. 96-28 ³⁹s.mali Say 24-93 ³⁹ N.H.-N.J.-Wash.*labiculata* Say 35-288 ³⁹rathvoni Lec. 52-132 ³⁹ Cal. Ore. Ida.s.lecontei Csy. 99-98 ³⁹ Ariz. N.M.
[Colo. Wis.]quindecimpunctata Oliv. 08-1027 ³⁹
[Can.-N.C.-Ark.-Ill.]*caseyi* Westc. 12-422 ³⁹*signaticollis* Muls. 50-134 ³⁹ [Ill.]

Exochomus

californicus Csy. 99-107 ⁴⁰ Cal. Nev.
quatuorpusculatus Linn. 58-367 ⁴⁰ Eur.
[Cal.]*quadripusculatus* Nunen. 34-113³⁵ Dodge—38.³⁶ Nunenmacher in litt.³⁷ Scott—38.³⁸ Gaines—33.³⁹ Revision of genus, McKenzie—36.⁴⁰ Valid species, Nunenmacher—34.

Brumus

blumi Nunen. 34-114 Cal.

Epilachna

varivestis Muls. 50-815 N.A.
corrupta Muls. 50-815 ⁴¹
a.genuina Muls. 50-817 ³⁶
a.juncta Joh. 10-79 ³⁶

sparsa Blais. 23-237 L.Cal.
blairi Blais. 36-888 "Cal.merid."
tuckeri Csy. 24-297 ³⁴ Ariz.
imperialis Blais. 36-94 Cal. Ariz.
tanneri Blais. 36-97 Cal.
tortugensis Blais. 36-100 L.Cal.

Eschatomoxys Blais. 35-125

wagneri Blais. 35-125 Cal.

Craniotils ⁵

Euschides

lecontella Blais. 36-227 Cal.
v.tempestalis Blais. 36-229 Cal.
speculatus Blais. 36-225 Cal.
cressoni Blais. 33-191 Cal.

Eleodes

paradoxa Blais. 31-78 ⁶ Cal.
montanus Blais. 25-385 ⁶
 MELANELEODES Blais. 09-33
lineata Blais. 39-55 Ariz.
omissa Lec. 58-186
s.tumida Blais. 33-194 ⁴ Cal.

* * *

spoliata Blais. 33-196 Ore.
acuta Say. 23-258
s.pernigra Blais. 37-128 Tex.
 ELEODES (s.str.)
dentipes Esch. 29-10
s.sordida Blais. 35-30 Cal.

* * *

amedeensis Blais. 33-199 Cal. Nev.
armata Lec. 51-134
v.pumila Blais. 33-197 Cal.
 ARPELEODES Blais. 37-128
tibialis Blais. 09-311 ⁷ L.Cal.

* * *

ALLECULIDÆ

Pseudocistela Cr. 73-108 ⁴²

* (*Cistela* of Lec. & Horn) ⁴²
 (*Chromatia* Lec. 61-244) ⁴²
amœna Say 23-268 Ind. O. Tex.
brevis Say 23-269 E.Can. E.U.S.
erythroptera Ziegl. 44-46
rufipes Melsh.
pinguis Lec. 59-16 N.M. Kan. Cal.
pacifica R.Hopp. 33-284 B.C. Cal.
opaca Lec. 59-78 Cal.
theveneti Horn 75-156
marginata Ziegl. 44-46
pectinata R.Hopp. 33-285 B.C.

TENEBRIONIDÆ ¹

AUCHMOBIINI ^{*}

Auchmobius Lec. 51-139 ²

* *sublævis* Lec. 51-140 ² Cal.
subovalis Blais. 34-238 B.C.
slevini Blais. 34-243 Cal.
parvicollis Blais. 34-246 Cal.
angelicus Blais. 34-249 Cal.
picipes Blais. 34-252 Cal.
subboreus Blais. 34-254 Cal.
sanfordi Blais. 34-257 Cal.
 * * *

Stibia Horn 70-260 ³

(*Eutriorophus* Csy. 24-296 ³⁴
granulata Blais. 23-238 L.Cal.
fallaciosa Blais. 36-70 L.Cal.
puncticollis of Blais. (not Horn) ³
v.interstitialis Blais. 36-73 L.Cal.
cribrata Blais. 23-239 L.Cal.
opaca Blais. 25-329 (nom.nud.) ³
williamsi Blais. 25-323 L.Cal.
puncticollis Horn 70-260 ³ Cal. L.Cal.
hannai Blais. 25-329 ³
s.martinensis Blais. 36-83 L.Cal.

kaweana Blais. 33-203 Cal.
scabriventris Blais. 33-202 Cal.
oblonga Blais. 33-206 Cal.
 BLAPYLIS Horn 70-301
indentata Blais. 35-28 Wash.
 STENELEODES Blais. 09-33
ornatipennis Blais. 37-129 N.Mex.
 HOLELEODES Blais. 37-132
beameri Blais. 37-132 Ariz.
bryanti Blais. 37-134 Ariz.
palmerleensis Blais. 37-136 Ariz.

Neobaphion

elongatum Blais. 33-208 Nev.

Eleodopsis Blais. 39-52 ³

subvestita Blais. 39-53 Sn Nich.Id.,Cal.

³⁶ Nunenmacher in litt.

⁴¹ Brown—36.

⁴² R.Hopping—33.

¹ Blaisdell—39. (Contains discussions of relationships and components of certain subfamilies and tribes arranged in two sections: (1) Tentyriinæ, Coniotionæ, Asidinæ (Craniotini, Asidini); (2) Eleodinæ (Eleodini, Amphidorini), Helopinæ (Stenotrichini, Helopini), Blaptinæ, Zopherinæ, etc., etc.)

² Revision of genus, Blaisdell—34.

³ Revision of genus, Blaisdell—36.

⁴ Blaisdell—33.

⁶ Belongs in Asidinæ—Craniotini, before Asidini, Blaisdell—37.

⁸ Blaisdell—35.

⁷ Blaisdell—37.

⁸ Belongs in Eleodopsinæ—Eleodopsini, to follow Eleodinæ.

Adeliinæ °

Cratidus °

Amphidora °

Trichoderulus °

* * *

Coniontis

- elongata* Csy. 90-380
protensa Csy. 08-104 ¹⁰
?obsidiana Csy. 08-100
viatica Esch. 29-7
lucidula Csy. 08-103 ¹⁰
innocua Csy. 08-99 ¹⁰
timida Csy. 08-102 ¹⁰
conicicollis Csy. 08-102 ¹⁰

Cal.

Tribolium MacL. 25-47 ¹¹

(*Margus* Dej. 33-200)

- * *castaneum* Hbst. 97-282 ¹¹ Cosmop.
ferrugineum of Dej. 21-68 ^{11 12 13}
confusum Duval 68-181 ¹¹ Cosmop.
ferrugineum of Muls. 54-244 ¹¹
madens Charp. 25-218 ¹¹ Eur. Afr. N.A.
obscurum Redt. 42-17 ¹¹

Corticeus Pill. & Mitt. 83-87

(*Corticus* of authors) ¹⁴
(*Hypophloeus* Fabr. 90-24) ¹⁴
(*Paraphloeus* Seidl. 94-553) ¹⁴

- strublei* Blais. 34-188
occidentalis Wallis 33-249 ¹⁵
minor Wallis 33-248 ¹⁵
subopacus Wallis 33-247 ¹⁵

Cal.
B.C.
Alb.
B.C.

Centronopus Solier 48-154 ¹⁶

- * (*Scotobænus* Lec. 59-87 ¹⁶
(*Centronipus* Dej. MS) ¹⁶

- parallelus* Lec. 59-88 ¹⁶
wagneri Blais. 33-218
simplex Blais. 37-95
punctatus Blais. 33-220

Cal. Ore.
Cal.
Cal.
Cal.

Helops

- guadalupensis* Csy. 90-488 ¹⁷ Guad. Id.,
[Cal.
crockeri Blais. 33-89 Guad. Id., Cal.

Stenotrichus ¹⁸

- * *rufipes* Lec. 51-136 Cal.
parallela Csy. 24-328 (Amphidora) ¹⁹
confluens Csy. 24-329 ¹⁹

⁹ Delete, transfer genera to Amphidorini and Eleodini, Blaisdell—39.

¹⁰ Results derived from rearing, Blaisdell—35.

¹¹ Revision of genus, Good—36.

¹² Other synonyms do not belong here, Good—36.

¹³ Shepard in litt, Uyttenboogaart, etc.

¹⁴ Blaisdell—34.

¹⁵ Described in *Hypophloeus*.

¹⁶ Revision of genus, Blaisdell—33.

¹⁷ Valid species, Blaisdell—33.

¹⁸ Transfer to *Helopinæ*—*Stenotrichini*, to follow

Helops, Blaisdell—39.

¹⁹ Blaisdell—33.

LAGRIIDÆ ²⁰

Lagriinæ

Arthromacra Kby. 37-238 ²⁰

- ænea* Say 24-287 Can.-Minn.-Mo.
donacioides Kby. 37-239 ²⁰
v.glabricollis Blatch. 10-1285 ²¹ Ind.
v.rugosicollis Leng 14-287 Ga.
robinsoni Leng 14-286 Va.
appalachiana Leng 17-18 Va. N.C.
pilosella Leng 17-18 Tenn. Ky.

Statirinæ ²⁰

Statira Serv. 25-479 ²⁰

STATIRA (s.str.) ²⁰

- pluripunctata* Horn 88-29 Ariz.
simulans Schffr. 05-180 Tex.
croceicollis Mäkl. 63-594 ?Ala.
gagatina Melsh. 46-311 Pa.
basalis Horn 88-31 U.S.
colorata Fall 09-165 L.Cal.

MELANDRYIDÆ

(*Serropalpidæ*)

Xylita Payk. 98-249

- * *lævigata* Hell. 86-318 ²² Eur. N.A.
livida Sahlb. 34-448 ²² Eur. N.A.

Zilora Muls. 56-84 ²³

- * *alabamensis* Mank 38-102 Ala.
hispidula Lec. 66-148 ²³ N.H.
occidentalis Mank 38-104 Cal.-B.C.
nuda Prov. 77-321 ²³ Que.
?canadensis Hausen 90-91 ²³ Que.

PTINIDÆ

Ptinus

GYNOPTERUS Muls. & Rey.
[68-53 ²⁴

- tectus* Boield. 56-652 ²⁴ Austral. S.A.
pilosus || White 46-8 ²⁴ [W.I. Eur.
ocellus Brown 29-109 ²⁴ [Afr. Asia,
[B.C. Wash.

ANOBIIDÆ

Neogastrallus Fisher 38-43 ²⁵

- libronocens* Fisher 38-44 Fla.

Nicobium

- hirtum* Ill. 07-19 ²⁵ Fla. Eur.

²⁰ Revision of family, Borchmann—36.

²¹ Leng Catalog.

²² Mank—37.

²³ Revision of genus, Mank—38.

²⁴ Hatch—34.

²⁵ In Anobiini near *Gastrallus*.

²⁶ Snyder—35.

Hadrobregmus
destructor Fisher 38-26 Alaska

Platybregmus Fisher 34-275²⁷
canadensis Fisher 34-275 Ont.

Eupactus Lec. 61-203²⁸
(*Thaptor* Gorh. 83-205)²⁹
oblongus Gorh. 83-206²⁸ Cal. Mex.

BOSTRYCHIDÆ

Endecatommus Mellie 47-108^{30 31}
* reticulatus Hbst. 93-70³¹ Eur. S.St. Ind.
rugosus Dej. MS (Gemm. & Har.)³¹
rugosus Rand. 38-26³¹ Me.-Va.-Tex.-
dorsalis Mellie 48-218³¹ [Mich.

Sinoxylon
simplex Horn 85-155 Tex.
brevicollis Csy. 98-70 (Amphice-
[rus])³²

Rhizopertha
dominica Fabr. 92-359³³ Cosmop.
pusilla Fabr. 98-156³³
fissicornis Marsh. 02-82³³
piceus Marsh. 02-88³³
rufa Hope 45-16³³
frumentarius Nördl. 55-? ³³
moderatus Walk. 59-260³³

Heterarthron
(*parvulum* Lesne, not No. American)³⁴

LYCTIDÆ

Trogoxylon³⁵
caseyi Lesne 37-240 Tex.
rectangulus || Csy. 24-184³⁶

CISIDÆ

Octotemnus
dixiensis Tanner 34-47 Utah

²⁷ In Anobiini near Hadrobregmus.
²⁸ Van Dyke—36.
²⁹ Used also as subgenus, Van Dyke—36.
³⁰ Spelled Hendeecatommus by Lesne and others.
³¹ Revision of genus, Lesne—35.
³² Lesne—37.
³³ Potter—35.
³⁴ Lesne—37.
³⁵ Placed in Bostrychidæ by Lesne—37.

SCARABÆIDÆ

Pinotus
(*spadiceus* Lucd., not No. American)¹

Phanaeus
floridanus Dols. 24-94² Fla.
niger Dols. 24-95² La.
quadridens
v.borealis Dols. 24-100³
vindex
v.cyanellus Rob. 38-107 Fla.

Onthophagus
depressus Har. 71-116
carteri Blackb. 04-147³ Ga. S.Afr.

Aegialia
LEPTÆGIALIA Brown 31-12
browni Saylor 34-74 Cal.
* * *
conferta Horn 71-294⁴ Ga. Ill. Cal.
nigrella Brown 13-47⁴ [Wash.

Trichlorhyssenus
* alternatus Hntn. 38-127⁵ Mex. ?Ariz.

Aphodius
utahensis Rob. 38-107 Utah
essigi Saylor 35-134 Cal.
rehni Rob. 38-109 Colo. Ariz.
linsleyi VanD. 33-115 Cal.
browni Hntn. 34-277
smithi || Brown 30-2⁶
rugoclypeus Hntn. 34-219 Cal.
cadaverinus of Saylor 33-188⁶
cadaverinus Mannh. 43-261⁶ Cal.
martini VanD. 28-153⁶ Cal.
washtucna Rob. 38-108 Wash.
dilaticollis Saylor 35-80 Ore.

Euparia Serv. 25-357⁷
* castanea Serv. 25-357⁷ Fla.-La. C.A.

Euparixia Brown 27-288¹
(*Euparixa* Leng & Mutch. 33-39)¹

Atenius
mlamii Cartw. 34-200 Fla.
platensis Blanch. 37-185⁸ S.A. W.I.
integer Har. 68-96⁸ [N.C. Tex.
anticus Fall 30-105⁸
falli Hntn. 34-119
consors || Fall 30-104⁸
carolinus VanD. 28-157⁹

Xeropsamobeus Saylor 37-36
* desertus VanD. 18-10 Cal.

¹ Chapin in litt.
² Transferred from Copris, Chapin in litt.
³ Cartwright—38.
⁴ Fall in litt.
⁵ Hinton—38.
⁶ Hinton—34.
⁷ Revision of genus, Hinton—36.
⁸ Hinton—37.
⁹ Transferred from Aphodius, Hinton—37.

Pleurophorus

- batesi Arrow¹⁰ W.I. C.A. N.A.
parvulus of authors¹⁰
nanus of Horn 87-96¹⁰

Saprosites Redt. 58-436

- * *ventralis* Horn 87-92¹¹ Can. D.C. Ind.

Phæochrous Cast. 40-108^{12 13}

- * (*Phæochrous* Pering. 08-646)¹²
(*Silphodes* Westw. 45-160)¹²
emarginatus Cast. 40-109¹² E.Ind. ?Cal.
behrensii Horn 67-163¹²

Geotrupes

- (*laevistriatus* Mots., not No. Amer.)¹⁴
(*occidentalis* Horn 80-144, syn.)¹⁴

Pleocomma Lec. 56-24^{15 16}

- * *remota* Davis 34-23^{15 16} Utah
behrensii of Smith 85-33¹⁶
shastensis VanD. 33-183^{15 16} Cal.
puncticollis Rivers 89-17^{15 16} Cal.
rickseckeri Horn 88-5^{15 16} Cal.
trifoliata Linsley 38-57 ?Alaska
australis Fall 11-65^{15 16} Cal.
bicolor Linsley 35-11^{15 16} Cal.
carinata Linsley 38-56 Ore.
simi Davis 34-24^{15 16} Ore.
oregonensis Leach 33-186^{15 16} Ore.
fimbriata Lec. 56-25^{15 16} Cal.
tularensis Leach 33-186^{15 16} Cal.
fimbriata of Davis 35-17¹⁶
behrensii Lec. 74-83^{15 16} Cal.
sonomæ Linsley 35-12^{15 16} Cal.
hirticollis Schauf. 70-58^{15 16} Cal.
fimbriata of Lec. 57-40¹⁶
s.vandykei Linsley 38-56 Cal.
crinita Linsley 38-53 Cal.
hoppingi Fall 06-394^{15 16} Cal.
badia Fall 17-15^{15 16} Cal.
conjungens Horn 88-7^{15 16} Cal.
hirsuta Davis 34-88^{15 16 17} Cal.
blaisdelli Linsley 38-55 Cal.
conjungens of Leach 33-185¹⁶
staff Schauf. 70-52^{15 16} Cal.¹⁸
adjuvans Crotch 74-58¹⁶
dubitalis Davis 35-30^{15 16 19} Ore.
s.leachi Linsley 38-52 Ore.
minor Linsley 38-52 Ore.
edwardsi Lec. 74-83^{15 16} Cal.
staff of Horn 88-11¹⁶
ulkei of Leach 33-184¹⁶
ulkei Horn 88-9^{15 16} ?Utah,²⁰ Cal.

Benedictia Sanderson 39-1²¹

- * *pilosa* Sandn. 39-2 Tex.

Lichnanthe Burm. 44-26

- (*Amphicoma* of authors)²²

Oncerinæ²³

Oncerus Lec. 56-283²³

- * *floralis* Lec. 56-284²³ Cal.

Nefoncerus Saylor 38-101²³

- * *convergens* Horn 94-394²³ Cal.

* * *

Chaunocolus Saylor 37-35²⁴

- * *cornutus* Saylor 37-35 L. Cal.

Chnannanthus Burm. 44-31²⁵

- * (*Acratus* Horn 67-165)²³
(*Pseudacratus* Dalla Torre 12-7)²⁵
flavipennis Horn 67-165²⁵ Ariz. Ut.
palmeri Horn 94-393²⁵
discolor Burm. 44-32²⁵ Mex. L. Cal.
chapini Saylor 37-535²⁵ Cal. Ore.

Serica MacLeay 19-146²⁶

- (*Aserica* Lewis 95-394)²⁶
porcula Csy.²⁷
alternata Lec. 56-276 N.M.-Cal. Colo.
[Ut.
s.exolita Dawson 33-437 Cal.
s.patrula Dawson 33-437 Cal.
acontia Dawson 33-438 Cal.
repanda Dawson 33-439 Cal.
laguna Saylor 35-1 Cal.
peregrina Chpn. 38-68 Japan, N.Y.
similis of Leng & Mutch. 33-90²⁸
brunnea || Waterh. 75-101²⁸
mckenziei Saylor 35-2 Cal.
prunipennis Saylor 36-4 Cal.
pruinosa || Saylor 35-2²⁹
falcata Daws. 33-439 Nev. Cal.-Wash.
stygia Daws. 33-439 Cal.
prava Daws. 33-440 Cal.
senta Daws. 33-440 Cal.

Autoserica Brenske 97-356²⁶

- * (*Aserica* of Arrow, not Lewis)²⁶
castanea Arrow 13-398 Japan, N.Y. N.J.

Diplotaxis

- falli* Saylor 35-35 Cal.
testacea Burm. 55-263³⁰ Carolina
basalis Fall 09-73 Kan. Neb. Colo.

¹⁰ Cartwright in litt.

¹¹ Transferred from *Pleurophorus*, Chapin and Cartwright in litt.

¹² Robinson—38.

¹³ To follow *Pachylectris*.

¹⁴ Robinson—38, and Chapin in litt.

¹⁵ Revision of genus, A. C. Davis—35.

¹⁶ Linsley—38; a more complete revision than that of Davis, but arranged alphabetically.

¹⁷ Described as a variety of *conjungens* but elevated to species by Linsley—38.

¹⁸ This probably should be changed to Oregon, Leach—33.

¹⁹ Described as a variety of *staff* but elevated by Linsley—38 and locality cited as California.

²⁰ Found only in California, Leach—33.

²¹ Belongs in *Pleocominæ*, Sanderson—39.

²² Chapin—38.

²³ Revision of subfamily, Saylor—38.

²⁴ Probably in *Chasmatopterini* of Leng Catalog.

²⁵ Revision of genus, Saylor—37.

²⁶ These names are arranged thus by Chapin—32, but *Autoserica* is placed as synonym of *Aserica* Lewis by Arrow—27 and —33.

²⁷ Valid species, Dawson in litt.

²⁸ Chapin—38.

²⁹ Saylor—36.

³⁰ These references were reversed in the catalog; the species are probably distinct, Fall in litt.

Phyllophaga Harris 26-6

- (*Melolontha* Fabr. 75-31)³¹
 (*Stenothorax* Harris 26-8)³¹
 (*Rhizotrogus* Berthold 27-362)³¹
 (*Lachnosterna* Hope 37-99)³¹
 (*Holotricha* Hope 37-99)^{31 32}
 (*Ancylonycha* Blanch. 45-216)³¹
 (*Trichesthes* Er. 47-658)³¹
 (*Trichestes* Blanch. 50-141)³¹
 (*Tostegoptera* Blanch. 50-149)^{31 33}
 (*Eugastra* Lec. 56-233)³¹
 (*Endrosa* Lec. 56-234)³¹
 (*Gynnis* Lec. 56-262)³¹
 (*Phytalus* Er. 47-658)^{32 34}
- lanceolata Say 23-242 Wis.-Ark.-N.M.-
 [Colo.
 arizone Bloeker 36-55³⁵ Ariz.
 grisiana Bloeker 36-56³⁵ Tex.
 cazieri Bloeker 36-57³⁵ Kans.
 squamipilosa Saylor 37-280 Tex.
 cribrosa Lec. 53-231³⁶
 s. cribrosa (s.str.)³⁶ Kan.-Mex.
 s. ventricosa Lec. 53-440³⁶ Tex.-Ariz.
 cribrosa of Horn 87-217³⁶
 epigæa Wickh. 03-71³⁶ Tex. N.M.
 schæfferi Saylor 37-231 Ga.
 georgiana || Schffr. 09-382³²
 pagilis Saylor 37-321 Fla.
 parva || Linell 96-726
 ephillida Say 25-196
 longitarsis || Burm. 55-359³¹
 burmeisteri Lec. 56-144³¹
 longitarsa Say 23-241
 frontalis Lec. 56-239³¹
 clemens Horn 87-227 N.J.-Fla. Tex.
 howei Sandn. 37-17³⁷
 congrua Lec. 56-243
 fervens || Blanch. 50-133³¹
 yucana Saylor 37-321
 sericata || Blanch. 50-136³²
 kentuckiana Ritcher 37-285 Ky. Ala.³⁷
 floridana Rob. 38-110 Fla. Ga.³⁷ Ala.³⁷
 omani Sandn. 37-66 Ala. Ga.
 hirticula Knoch 01-79
 hirsuta || Say 13-142³¹
 crenulata Blanch. 50-133³¹
 quercus Knoch 01-72
 fervida Ill. 02-44³¹
 sequoiana Saylor 36-2 Cal.
 linsleyi Saylor 36-4 Ariz.
 stohleri Saylor 38-130 Nev.
 dentex Bates 88-192³⁸ Mex. Ariz.
 pusillidens Fall 37-31
 microdon || Fall 29-113³⁹

- crassissima Blanch. 50-133
 fervida Blanch. 50-133³¹
 obesa Lec. 56-251³¹
 robusta Lec. 56-257³¹
 generosa Horn 87-222³¹
 subpruinosa Csy. 84-38
 deani Luginb. 28-78³⁵
 micans Knoch 01-77
 sororia Lec. 56-246³¹
 lodingi Sandn. 39-4 Ala.
 fusca Froelich 92-99
 fervida || Oliv. 89-24³¹
 fervens Gyll. 17-74³¹
 fraterna Harris 41-29
 cognata Burm. 55-322³¹
 nova Smith 89-508³¹
 forsteri Burm. 55-325
 fosteri Travis 34-332
 luctuosa Horn 87-254
 rugostodes Linell 96-728¹²
 texana Sandn. 37-16 Tex.
 duvalus Rob. 38-110 Fla.
 linelli Saylor 37-321
 minor || Linell 95-728³²
 jonesi Sandn. 39-5 Ala.
 ilicis Knoch 01-71
 porcina Hentz 30-253³¹
 fimbriata Burm. 55-326³¹
 ciliata Lec. 56-253³¹
 subtonsa Lec. 56-254³¹
 burmeisteri DallaT. 12-193³¹
 inflexa Barrett 35-49 Ariz.
 elizoria Saylor 37-321 Fla.
 pygidialis || Schffr. 06-257¹²
 fucata Horn 87-278
 linsleyi Saylor 36-4³¹
 psiloptera Sandn. 39-7 Tex.
 howei Sandn. 37-17 S.C. Fla.
 youngi Cartw. 35-102 Fla.
 crinita Burm. 55-359
 longiclavus Fall 22-173 (Listroche-
 [us]¹
 perita Sandn. 37-14 Ariz.
 * PHYTALUS Er. 47-658^d
 trichodes Bates 90-178
 robustus of Horn 95-120^d
 sandersonia Saylor 39-161^d
 omani Sandn. 37-10 Ala.
 georgiana Horn 85-122 N.J. Ala.
 obsoleta Blanch. 50-131 C.A.
 s. vanalleri Schffr. 27-215^d Ala. La.
 [Tex.
 bilobatata Saylor 39-165 Ariz. ?N.M.
 cephalicus of Horn 85-120^d
 pallida Horn 85-121 Ariz. Mex.
 sonora Saylor 39-167 Ariz. Mex.
 debilis of Horn 85-122^d

Listrochelus

- langeri Chpn. 34-93 Colo. N.M. Ut.
 duncani Barrett 33-129 Ariz.

^d Revision of subgenus, Sanderson—39.

¹ Chapin in litt.

¹² Robinson—38.

³¹ Travis—34.

³² Saylor—37.

³³ Used as subgenus by Bloeker—36.

³⁴ Also used as subgenus by Saylor in litt., and other writers.

³⁵ Saylor in litt.

³⁶ Von Bloeker—37.

³⁷ Sanderson—39.

³⁸ Saylor—35.

³⁹ Fall—37.

Chlænobia Blanch. 50-116⁴⁰

- * *vexata* Horn 85-120 (Phytalus)⁴⁰ Tex.
cavifrons Linell 96-729

Polyphylla

- conspersa* Burm. 55-407⁴¹
r.hammondi Lec. 56-228⁴¹ Kan.-Ill.
r.subvittata Lec. 56-229⁴¹ Tex.
squamicauda Csy. 14-324⁴¹
obliqua Csy. 14-326⁴¹
bisinuata Csy. 14-327⁴¹
r.molesta Csy. 14-324⁴¹ N.Mex.
?verecunda Csy. 14-325⁴¹ N.Mex.
?impigra Csy. 14-326⁴¹ N.Mex.
?sejuncta Csy. 14-328⁴¹ N.Mex.
r.proba Csy. 14-329⁴¹ Ariz.
?diffusa Csy. 14-329⁴¹ Ariz.
?pimalis Csy. 14-330⁴¹ Ariz.
(r.cavifrons Lec., not No. Amer.)⁴¹
barbata Cazier 38-161 Cal.
hirsuta VanD. 33-116 Ariz.
occidentalis Linn. 67-555⁴¹
r.variolosa Hentz 30-256⁴¹ Me.-N.Y.
r.occidentalis (s.str.)⁴¹ Va.-Fla.
r.gracilis Horn 81-73⁴¹ Fla.
r.comes Csy. 14-352⁴¹ Ky.
r.speciosa Csy. 89-17⁴¹ N.M. Colo.
10-lineata of Csy. (part.)⁴¹
acomana Csy. 14-342⁴¹
latifrons Csy. 14-340⁴¹
?diffracta Csy. 89-17⁴¹ N.Mex.
?adusta Csy. 14-331⁴¹ N.Mex.
r.10-lineata Say 23-246⁴¹ Kan.
?reducta Csy. 14-346⁴¹ Wash.
?nigra Csy. 14-334⁴¹ Wash.
?crinita of Csy.⁴¹ Wash.
r.perversa Csy. 14-348⁴¹ Wash.
r.oregona Csy. 14-348⁴¹ Ore.
?opposita Csy. 14-330⁴¹ Ore.
?mystica Csy. 14-334⁴¹ Ore.
?crinita of Csy. (part.)⁴¹
r.modulata Csy. 14-333⁴¹ Ore.
r.arguta Csy. 14-339⁴¹ Utah
r.laticauda Csy. 14-345⁴¹ Nev.
r.rugosipennis Csy. 14-337⁴¹ Ariz. Ut.
r.matrona Csy. 14-350⁴¹ Ariz.
r.fuscula Fall 08-161⁴¹ Ariz.
?lævicauda Csy. 14-338⁴¹ Ariz.
?r.crinita Lec. 56-230⁴¹ Cal.
?r.incolumis Csy. 14-335⁴¹ Cal.
?r.relicta Csy. 14-336⁴¹ Cal.
?r.robustula Csy. 14-336⁴¹ Cal.
?r.sobrina Csy. 14-339⁴¹ Cal.
?r.squamotecta Csy. 14-343⁴¹ Cal.
?r.pacifica Csy. 95-607⁴¹ Cal.
?r.ruficollis Csy. 14-346⁴¹ Cal.
?r.castanea Csy. 14-347⁴¹ Cal.
Phobetus Lec. 56-227⁴²
* *comatus* Lec. 56-227⁴² Cal. Ore.
leachi Barrett 35-51⁴²
v.centralis Csy. 09-281⁴² Cal.
v.sloopi Barrett 33-130⁴² Cal.

- saylori* Cazier 37-116 Catal. Id. Cal.
ciliatus Barrett 35-51⁴² Cal.
testaceus Lec. 61-346⁴² Cal.
collacatus Walker 66-346^{*}
humeralis Cazier 37-85 Cal.
mojavus Barrett 33-130⁴² Cal.
palpalis Saylor 36-1⁴² Cal.

Dichelonyx

- arizonica* Barrett 33-132 Ariz.
vicina Fall 01-291
deserta Hopping 31-236³⁵
arizonensis Saylor 33-158 Ariz.

Cænonycha

- tingi* Cazier 37-126 Cal.
testacea Cazier 37-127 Cal.
stohleri Saylor 35-102 Nev.

Plectris Serv. 25-369

- * (*?Philochlœnia* Blanch. 50-122)⁴⁵
aliena Chpn. 34-34 S.Car.

Ceraspis Serv. 25-370

- * (*Faula* Blanch. 50-124)⁴⁶
pilatei Har. 63-174³⁸ Ariz. C.A.
bawi Nonfr. 90-76⁴⁶

Leptoboplia Saylor 35-132⁴¹

- * *testaceipennis* Saylor 35-133 Cal.

Hoplia

- lecontei* DallaT. 13-376 Cal.
pubicollis || Lec. 56-285³⁸
floridana, for Ind. read Fla.¹

Anomala

- foraminosa* Bates 88-229¹² Mex. Tex.
insitiva Rob. 38-112 Tex.
polychalca of Schffr. 06-2¹²
dubia Scop. 63-3^e Eur. N.J.

Rutelinae⁴⁸*Areodina***Cotalpa** Burm. 44-423⁴⁵

- * COTALPA (s.str.)⁴⁵
consobrina Horn 71-337 Ariz.
flavida Horn 78-53 Ut. Ariz.
lanigera Linn. 64-22 Can.-N.J.
s.obesa Csy. 15-90⁴⁵ Ind. Ia. Wis.
molaris Csy. 15-90 La.
subcibrata Wickh. 05-3 Kans.
tau Wickh. 05-2 Ariz.
vernica Csy. 15-91 Va. N.Y.
PARACOTALPA Ohaus 15-256⁴⁸
(Pocalta Csy. 15-68)⁴⁵
brevis Csy. 15-95 Cal.
granicollis Hald. 52-374 Utah
lævicauda Csy. 15-95 Cal.

⁴⁰ Chapin—35.⁴¹ Kuntzen—33.⁴² Revision of genus, Cazier—37.⁴³ Revision of genus, Barrett—35; all as valid species.⁴⁴ As synonym, Barrett—33.^e Angell in litt.⁴⁵ Chapin—34.⁴⁶ Dalla Torre—Col. Cat. p. 59.⁴⁷ Probably a new tribe near Hopliini, Saylor—35.⁴⁸ Revision of subfamily, Ohaus—34.

- nigripennis Csy. 15-97 Cal.
 pubicollis Csy. 15-98 Utah
 puncticollis Lec. 63-78 N.Mex.
 rotunda Csy. 15-96 Cal.
 rubripennis Csy. 15-97 Cal.
 ursina Horn 67-163 Cal.
- PARABYRSOPOLIS Ohaus
 [15-256⁴⁵
 (*Parareoda* Csy. 15-68)⁴⁵
- arizonæ Ohaus 12-313 Ariz.
 batesi Ohaus 15-257 Mex. ?Ariz.
lanigera Bates 88-291⁴⁵
 rufobrunnea Csy. 15-100 Ariz.
Pelidnotina
- Plusiotis Burm. 44-417⁴⁵
- * woodi Horn 85-124 Tex.
 ampliata Csy. 15-82 Ariz.
 beyeri Skinner 05-289 Ariz. Mex.
 s.ocularis Csy. 15-83⁴⁵
 angustata Csy. 15-86 Ariz.
 lecontei Horn 82-120 Ariz. N.M. Mex.
 gloriosa Lec. 54-221 Ariz. Mex.
- Pelidnota MacLeay 19-157⁴⁵
 (*Aglycoptera* Shp. 85-2)⁴⁵
 (*Odontognathus* Lap. 40-139)⁴⁵
 (*Strigidia* Burm. 44-388)⁴⁵
- PELIDNOTA (s.str.)
- luca Lec. 63-78 L.Cal.
 lugubris Lec. 74-54 Ariz. Mex.
 lutea Oliv. 89-23 Tex. Fla.
 s.brevicollis Csy. 15-74⁴⁵ Fla.
 s.hudsonica Csy. 15-74⁴⁵ N.Y.
 s.pallidipes Csy. 15-74⁴⁵ Va.
 s.texensis Csy. 15-74⁴⁵ Tex.
 oblonga Csy. 15-73 La.
 s.debiliceps Csy. 15-73⁴⁵ N.J.
 s.ponderella Csy. 15-73⁴⁵ D.C.
 punctata Linn. 58-350 N.A. ?Mex.
 tarsalis Csy. 15-74 N.Y.
- Parastasiina*
- Parastasia Westw. 41-204
- * (*Barymorpha* Guer. 43-41)⁴⁵
 (*Calidia* Burm. 44-331)⁴⁵
 (*Echmatophorus* Waterh. 95-158)⁴⁵
 (*Polymorchus* Lec. 56-23)⁴⁵
 (*Urleta* Westw. 75-238)⁴⁵
- brevipes Lec. 56-23 Pa. N.Y. Mo.
 conicicollis Csy. 15-104 Pa.
Rutelina
- Rutela Latr. 02-151
- * (*Microrutela* Bates 04-250)⁴⁵
 formosa Burm. 44-383 Cuba, Fla.
- Cyclocephala Latr. 29-552
- * (*Diapatalia* Csy. 15-111)⁵⁰
 (*Aclinidia* Csy. 15-113)⁵⁰
 SPILOSOTA Csy. 15-112^{51 52}
 (*Ochrosidia* Csy. 15-112)^{51 52 53}
 hirta Lec. 61-346⁵² Cal. Ariz. Ut.
 nigricollis Burm. 47-54⁵²
 robusta Lec. 66-79⁵²
 magister Csy. 15-132⁵²
 palidissima Csy. 15-133⁵²
 inconspicua Csy. 15-133⁵²
 s.pilosicollis Saylor 36-2⁵² Cal.
 villosa Burm. 47-54⁵² ?Cal.
 abrupta Csy. 15-152⁵² Cal. Ore. Ariz.
 phasma Csy. 15-153⁵²
 obesula Csy. 15-156⁵²
 oblongula Csy. 15-156⁵²
 rustica Csy. 15-157⁵²
 reflexa Csy. 15-153⁵²
 pasadenæ Csy. 15-148⁵²
 arizonica Csy. 15-149⁵²
 immaculata Oliv. 90-29⁵² ?Cal.
 nigrifrons Panz. 94-?⁵²
 frontalis Sturm. 43-116⁵²
 rufifrons Csy. 15-145⁵²
- DICHROMINA Csy. 15-160^{51 52}
 dimidiata Burm. 47-57⁵²
- * * *
- knobelæ Brown 34-33 Ark.
 borealis Arrow 11-172 N.Y.
 villosa Burm. 47-54⁵³
 californica Arrow 37-9 Cal.
 rustica Csy. 15-157⁵⁴
- Ligyrodos Csy., belongs in Cyclocephala
 lini after Dyscinetus^{1 55}
- Cheiroplatys
 (*Pseudaphonus* Csy. 15-178)⁵⁴
 (*Orizabus* Fairm. 78-260)⁵⁴
- Aphonus Lec. 56-21⁵⁴
- * castaneus Melsh. 46-138⁵⁴ Me.-S.C.
 obesus Burm. 47-119⁵⁴
 trapezicollis Csy. 15-219⁵⁶
 saginatus Csy. 15-220⁵⁶
 cubiformis Csy. 15-221⁵⁶
 densicauda Csy. 15-216⁵⁶ Pa.
 tridentatus Say 23-209⁵⁶ Me.-Fla.-Ind.
 frater Lec. 56-22⁵⁶
 elongatus Csy. 15-220⁵⁶
 aterrimus Csy. 15-216⁵⁶
 congestus Csy. 15-218⁵⁶
 politus Csy. 15-218⁵⁶
 modulatus Csy. 15-219⁵⁶
 scutellaris Csy. 24-335⁵⁶
 variolosus Lec. 48-88⁵⁶ Ga. Fla.
 hydropicus Lec. 56-22⁵⁶
 ingens Csy. 24-334⁵⁶

¹ Chapin in litt.⁵⁵ Saylor in litt.⁵⁶ Arrow—37.⁵¹ Considered as a synonym of Cyclocephala by Arrow—37.⁵² Revision of subgenera Spilosota and Dichromina. Saylor—37.⁵³ Used as valid genus by Brown—34.⁵⁴ Arrow—37.⁵⁵ Placed as synonym of Ligyrodos by Arrow—37.⁵⁶ Revision of genus, Arrow—37.⁴⁵ Revision of subfamily, Ohaus—34.⁴⁶ Prell—36.

Coscinocephalus Prell 36-145

(*Anoploccephalus* | Schffr. 06-259)⁴⁹

Aphonides Rivers 89-6(Anoplognathus || Rivers 89-101)⁴⁹**Strategus** Hope 37-87(Anastrategus Csy. 15-231)⁵⁴

anteus Drury 73-74 Fla. Tex.

atrofuscens Csy. 15-247⁵⁴septentrionis Csy. 15-249⁵⁴divergens Csy. 15-246⁵⁴pinorum Csy. 15-248⁵⁴**Megasoma** Kby. 25-566(Megasominus Csy. 15-261)⁵⁴**Gymnetis** MacLeay

chevrolati G. & P.

s.ramulosa Bates 69-389⁵⁷ Nic. Ariz.ramifera Schffr. 05-159⁵⁷balteata Csy. 15-280⁵⁷**Cineretis** Schürh. 37-56⁵⁸* argenteola Bates 89-354⁵⁷s.argenteola (s.str.)⁵⁷ Mex.a.lætula Csy. 15-281⁵⁴ Ariz.**Potosia** Muls. 71-669⁵⁹

* affinis Ander. 97-154 Eur. Asia, Cal.

Euphoria

casselberryi Rob. 37-163 Tex.

Euphoriaspis Csy. 15-333

* hirtipes Horn 80-401 Neb.

æstiosa Horn 80-400⁶⁰ Kan.**CREMASTOCHEILINI**⁶¹**Cremastocheilus** Knoch 01-115⁶¹(Trinodia Csy. 15-365)⁶¹(Anatrinodia Csy. 15-369)⁶¹

lengi Cazier 38-86 Ariz.

MACROPODINA Csy. 15-344⁶¹**Genuchinus** Westw. 74-23⁶¹(Psilocnemis Burm. 42-676)⁶¹**Lissomelas** Bates 89-376⁶¹

* * *

Osmoderma* scabra Beauv.⁶²eremicola Knoch⁶²⁵⁷ Schürhoff—37.⁵⁸ To follow Gymnetis, Schürhoff—37.⁵⁹ Intercepted by quarantine at San Francisco, Ting—34.⁶⁰ Transferred from Euphoria, Chapin in litt.⁶¹ Generic revision of tribe, Cazier—38.⁶² These are the only nearctic species, Hoffmann in litt.**Trichiotinus** Csy. 15-381⁶³* piger Fabr. 75-41⁶³ Me.-Fla.-Tex.-Minn.drummondi G. & P. 33-88⁶³rotundicollis Kby. 37-138⁶³lunulatus LeBaron 71-194⁶³reductus Csy. 15-384⁶³texanus of Leonard 28-430⁶³rufobrunneus Csy. 14-375⁶³ Fla.obesulus Csy. 14-376⁶³affinis of Blatch. 30-34⁶³texanus Horn 76-194⁶³ Kan. Okla. Tex.monticola Csy. 15-383⁶³ [N.M.]intermedius Csy. 15-383⁶³assimilis Kby. 37-137⁶³ N.S.-Pa.-N.M.-bistriaga Newm. 38-170⁶³ [B.C.]piger of Burm. & Sch. 40-413⁶³

variabilis Burm. & Sch. 41-240

[(part)⁶³]bibens Burm. 42-756 (part)⁶³affinis of Schaum 49-293 (part)⁶³affinis G. & P. 33-93⁶³ N.H.-Ga.-Ill.piger B. & S. 40-413 (part)⁶³variabilis B. & S. 41-240 (part)⁶³bibens Burm. 42-755 (part)⁶³mutabilis Schaum 44-400 (part)⁶³ventricosus Csy. 15-386⁶³parvulus Csy. 15-387⁶³viridans of Leonard 28-430⁶³viridans Kby. 37-139⁶³ Mich.-Kan.-Minn.piger B. & S. 40-413 (part)⁶³variabilis B. & S. 41-240 (part)⁶³bibens Burm. 42-755 (part)⁶³affinis Schaum 49-293 (part)⁶³lunulatus Fabr. 75-41⁶³ Va.-Fla.-Tex.viridulus Fabr. 75-820⁶³virens Gmelin 90-1584⁶³piger of Schönh. 17-105 (part)⁶³bibens Burm. 42-755 (part)⁶³mutabilis Schaum 44-400 (part)⁶³semiviridis Csy. 14-376⁶³carolinensis Csy. 14-376⁶³rasilicauda Csy. 15-389⁶³rufiventris Csy. 15-390⁶³bibens Fabr. 75-40⁶³ N.Y.-Ga.-Ill.bidens Oliv. 89-62⁶³viridulus of Hubb. & Schw. 78-655⁶³**LUCANIDÆ****Pseudolucanus**

capreolus Linn. 64-32

a.nigricephalus Benesh 39-273 Ill.

a.muticus Thunb. 06-205⁶⁴ Md. Tenn.**Dorcus**brevis Say 25-202⁶⁵

N.J.-Ga.-Mo.

parallelus Say 24-248⁶⁵ Bor. Amer.parallelipipedus Linn. 58-354⁶⁵ Eur. Que.⁶⁵ Angell in Litt.⁶³ Revision of genus, Hoffmann—35.⁶⁴ Benesh—39.⁶⁵ Benesh—37.

Platycerinae**Platycerus** ⁶⁶**Megasemum** Kr. 79-97(Nothorhina || Csy. 12-263)⁵aspera Lec. 54-18⁵ Ore. Vanc.**Tetropium**auripile Bates 85-435⁴ Mex. Ariz.**PASSALIDÆ** ⁶⁷**Pseudacanthinae****Popilius** Kaup 71-75* (Passalus of authors)⁶⁷

disjunctus Ill. 00-78 N.A.-S.A.

cornutus Fabr. 01-256⁶⁷interruptus Linn. 64-35 (part)⁶⁷distinctus Weber 01-79⁶⁷**Oeme**

californica Linsley 34-162 Cal.

laticollis Linsley 34-163 Cal.

gracilis Lec. 81-27

densicollis Csy. 24-250 (Paranop-
[lium])⁸**Pseudomethia** Linsley 37-65

arida Linsley 37-66 Cal.

Methia

evaniformis Knull 37-306 Tex.

xanthocollis Knull 35-98 Tex.

juniperi Linsley 37-64 Cal.

brevis Fall 29-58⁹ L.Cal.**Osmidus** Lec. 73-177

* guttatus Lec. 73-178 L.Cal. Ariz.

obscura Csy. 24-255³vestitus Csy. 24-255³**Brothylus**

gemmulatus Lec. 59-80 Cal. Utah

consors Csy. 24-254³longicollis Csy. 24-254³**CERAMBYCIDÆ****Aplagiognathus** Thoms. 60-320¹

* remotus Linsley 34-161 Ariz.

Stenodontesmasticator Thoms. 67-99² Ariz. C.A.
[S.A.]**Prionus**

californicus Mots. 45-89

crassicornis Lec. 52-108³ineptus Csy. 12-742³humeralis Csy. 24-216³s.horni Lam. 12-243⁴ Ariz.lecontei Lam. 12-244⁴ Cal.**Spondylis** Fabr. 75-159* upiformis Mannh. 43-304 Alas.-L.Sup.-
laticeps Lec. 50-233³ [Ariz.-Cal.]collaris Csy. 12-218³robustula Csy. 12-219³subpubescens Csy. 12-219³basalis Csy. 12-220³parva Csy. 24-226³⁶⁶ Transferred from Dorcinae, Benesh—37.⁶⁷ Revision of family, Hincks & Dobb—35.⁶⁸ See Col. Cat. pars 142 for list of 47 synonyms of this species.¹ Belongs in subfamily Prioninae, tribe Macroto-
mini, and subtribe Archetypini, Linsley—34.² Subgenus Mallodon, Linsley—34.³ Linsley—38.⁴ Linsley—35.⁵ Van Dyke—37.⁶ Linsley—34.⁷ Rearrangement of genera in the tribes Phora-
canthini and Sphaerionini, Linsley—36.⁸ Linsley—36.⁹ Transferred from Anoplium by Linsley—36.**PHORACANTHINI** ⁷**Romaleum** White 55-309⁷(Thersalus Pascoe 66-372)⁸(Hypermallus Lac. 69-302)⁵**Eustromula** Klll. 06-242⁷* (Eustroma Lec. 73-186)⁸

validum Lec. 58-82 Tex. Cal. L.Cal.

huachuca Csy. 24-245 (Anoplium)¹**Elaphidion** Serv. 34-66⁷(Centrocerum Thoms. 64-244)⁸(Cycliopleurus Hope 35-107)⁵(Hypermallus || Csy. 12-292)⁸**Anelaphus** Linsley 36-464* spurcum Lec. 53-442⁹ Tex.truncatum Hald. 47-33⁹ Fla. Tex.niveivestitum Schffr. 05-132⁹ Tex.brevidens Schffr. 08-333⁹ Ariz.quadricollis Csy. 24-246⁹ Ariz.inermis Newm. 40-29⁹ Pa. Fla. Tex.albofasciatus Linell 96-393⁹ Cal. Ariz.linelli Csy. 24-246⁹

Anopliomorpha Linsley 36-465⁷

- * *rinconium* Csy. 24-248⁹ Ariz.
reticollis Bates⁹ ?Ariz. L.Cal. Mex.

Anoplium Hald. 47-34⁷

- * *nanulum* Csy. 24-247⁸ Ariz.
tuckeri Csy. 24-247⁸ Ariz. Tex.
hoferi Knull 34-69⁸ Ariz.
simile Schffr. 08-334⁸ Ariz.
mœstum Lec. 53-442⁸ Fla. Tex.
duncani Knull 27-117⁸ Ariz.
unicolor Hald. 47-34⁸ Pa. Tex.
cinerascens Lec. 50-15⁸
magnipunctata Knull 34-12 N.Mex.
tricallosum Knull 38-140 Ariz.
nanum Fabr. 92-300⁸ Cuba, Fla.
subtropicum Csy. 24-245⁸

Elaphidionopsis Linsley 36-467⁷

- * *fasciatipennis* Linsley 36-467 Tex.

SPHERIONINI⁷**Axestinus** Lec. 73-177⁷

- * (*Proteinidium* Bates 92-149)⁸
obscurus Lec. 73-177 Tex.

Aneflus Lec. 75-185⁷

- * *sonoranus* Csy. 24-241 Ariz. N.M. Tex.
obscurus of Leng 85-pl. II, f. 27.⁸
prolixus Lec. 63-203 L.Cal.-Tex.
fisheri Knull 34-335⁸
protensus Lec. 58-82 Cal.-Tex. Mex.
cochisensis Csy. 12-296⁸
calvatus Horn 85-132 Ariz. Cal.

Aneflomorpha Csy. 12-291⁷

- * *duncani* Linsley 36-472 Ariz.
parkeri Knull 36-334 Ariz.
texana Linsley 36-473 Tex.
elongata Linsley 36-473 Cal.
californica Linsley 36-476 Cal.
levetti Csy. 92-29¹⁰ Ariz.
arizonica Linsley 36-475 Ariz.
fisheri Linsley 36-475 Tex.

Anepsyra Csy. 12-291⁷

- * *tenue* Lec. 54-81⁸ Tex. Ariz.
aculeatum Lec. 73-184¹¹ Tex.

Stenelaphus Linsley 36-477⁷

- * *alienum* Lec. 75-173 Ariz.

Stenosphenus Hald. 47-39⁷

- notatum* Oliv. 95-61 E.St.

Gymnopsyra Linsley 37-67⁷

- * *phoracanthoides* Linsley 37-68 Tex.

Psyrrassa Pascoe 66-481⁷

- (*Pseudibidion* Csy. 12-291)⁷
brevicornis Linsley 34-164 Tex.
basicornis Pasc. 66-481 Mex. Tex.

* * *

Obrium

- glabrum* Knull 37-41 Tex.

LEPTURINI¹²**Pyrotrichus** Lec. 62-41¹²

- * *vitticollis* Lec. 62-41 Cal. B.C.
cribripennis Csy. 13-198¹²

Leptalia Lec. 73-204¹²

- * *frankenhæuseri* Mannh. 53-252 Alas.-
macilentata Mannh. 53-253¹² [Cal.
fuscicollis Lec. 57-65¹²

Encyclops Newm. 38-392¹²

- * *cærulea* Say 27-280 Ont.-Conn.-Ill.
pallipes Newm. 38-392¹²
californicus VanD. 20-45 Cal.

Toxotus Dej. 21-112^{12 13}

- * (*Stenocorus* || Csy. 13-205)¹²
cylindricollis Say 23-4 N.Y.-Ga.-Mo.
dives Newm. 41-68¹²
dentipennis Hald. 47-58¹²
atratus Hald. 47-58¹²

- flavolineatus* Lec. 54-18 B.C. Wash.
 [?Cal.]

- vittiger* Rand. 38-29 Que.-Pa.-Minn.

- nigripes* Hald. 47-58¹²

- pacificus* Csy. 13-209 Cal.

- hesperus* Csy. 13-210¹²

- parviceps* Csy. 13-210¹²

- tenellus* Csy. 13-211¹²

- trivittatus* Say 23-422 Man. Mo. Miss.

- virgatus* Lec. 74-67¹²

- schaumi* Lec. 50-320 Que.-Vt.-Ill.-Minn.

- croceus* Leng. 90-68¹²

- cinnamopterus* Rand. 33-45 Mass.-

- [N.C.-Kan.]

- lateralis* Csy. 91-37 Cal.

- uteamus* Csy. 24-273¹²

- marginellus* Csy. 24-274¹²

- vestitus* Hald. 47-59 B.C.-Cal.

- nubifer* Lec. 59-80¹²

- ater* Leng 90-68¹²

- truncatulus* Csy. 13-211¹²

- apiciventris* Csy. 13-211¹²

- flaccidus* Csy. 13-212¹²

- rufipennis* Csy. 13-212¹²

- plagiatus* Csy. 24-273¹²

- morio* Csy. 24-274¹²

- obtus* Lec. 73-206 B.C. Wash. Wyo.

- brevicollis* Csy. 13-214¹² [Alb.]

- aureatus* Csy. 13-213 Cal.

- gilvicornis* Csy. 13-213¹²

- sericatus* Csy. 13-213¹²

- subpinguis* Csy. 13-213¹²

- oregonensis* Csy. 13-214 Cal.-B.C.-Alb.

¹² Revision of part of tribe, Hopping—37.¹³ Linsley — 38 changes the authority of these genera to Zetterstedt (28-376) (74); however, they are amply validated by Dejean in 1821 (p. 112) and must be credited to him.¹⁰ Transferred from *Aneflus* by Linsley—36.¹¹ Transferred from *Aneflomorpha* by Linsley—36.

Stenocorus Geoff. 62-221 ¹²

- * (*Rhagium* Fabr. 75-182) ¹²
inquisitor Linn. 58-393 Alas.-Cal.-Conn.
[Que. Eur. Sib. Japan
indigator Fabr. 87-145 ¹²
lineatum Oliv. 95-13 ¹²
investigator Mannh. 52-367 ¹²
californicum Csy. 13-195 ¹²
crassipes Csy. 13-195 ¹²
parvicornis Csy. 13-195 ¹²
boreale Csy. 13-195 ¹²
cariniventre Csy. 13-196 ¹²
thoracicum Csy. 13-196 ¹²
montanum Csy. 13-197 ¹²

Centrodera Lec. 50-325 ¹²

- * (*Parapachyta* Csy. 13-216) ¹²
spurca Lec. 57-63 B.C.-Cal.-Nev.-Ida.
corvinus Walk. 66-332 ¹²
decolorata Harris 41-93 Que.-N.Y.-Ill.
rudibus Hald. 47-58 ¹²
lacustris Csy. 18-416 ¹²
nevada Lec. 73-205 Cal. Nev.
oculata Csy. 13-202 ¹²
blaisdelli VanD. 27-102 Cal.
picta Hald. 47-58 Conn.-Ga.
pilosa VanD. 27-101 Cal.
sublineata Lec. 62-40 Pa. N.C.
tenera Csy. 13-203 Cal.

Xylosteus Friv. 38-180 ¹²

- * ornatus Lec. 73-205 Cal. Ore.

Anthophylax Lec. 50-326 ³

- (*Anthophilax* Lec. 50-236) ^{12 3}
* hoffmanni Beut. 03-518 N.C.
malachiticus Hald. 45-64 N.S.-N.C.-
cyanea Hald. 47-151 ¹² [L.Sup.
viridipennis Csy. 18-246 ¹²
viridis Lec. 50-326 ^{3 12}
attenuatus Hald. 47-59 N.B.-Va.-L.Sup.
quadrifasciatus C. & K. 22-147 Ohio
mlrificus Bland 65-382 B.C.-C.A.-Colo.
venustus Bland 65-382 ¹²
costaricensis Bates 85-277 ¹²
tenebrosus Lec. 73-208 Ore. Cal.
nigrolineatus VanD. 17-36 ¹²
subvittatus Csy. 91-37 Colo.

Pachyta Dej. 21-112 ^{12 13}

- * armata Lec. 73-207 B.C.-Or.-Ida.
lamed Linn. 58-391 Alas.-Cal.-Pa.-
litturata Kby. 37-178 ¹² [Que. Eur.
nitens Lec. 50-235 ¹²
confagrata Mots. 60-147 ¹²

Plodes Lec. 50-318 ¹²

- * coriacea Lec. 50-318 Ore.

Evodinus Lec. 50-325 ¹²

- * monticola Rand. 38-27 N.S.-N.C.-Wis.
carolinensis Csy. 24-275 ¹²
vancouveri Csy. 13-216 Alas.-Cal.

Gaurotres Lec. 50-324 ¹²

- * cressoni Bland 64-69 B.C.-Cal.-Colo.
lecontei Csy. 13-219 ¹²
cyanipennis Say 23-423 N.B.-Ind.
servillei Serv. 35-214 ¹²
ione Newm. 40-423 ¹²
laportei Guer. 44-253 ¹²
leonardii Hald. 47-60 ¹²
abdominalis Bland 62-270 Ont.-Va.

Ophistomis Thoms. 57-319 ¹²

- * (*Cyphonotida* Csy. 13-260) ¹²
laevicollis Bates 80-39 Ariz. Mex. Guat.
ventralis Horn 94-401 ¹²

Bellamira Lec. 73-328 ¹²

- * scalaris Say 27-278 N.W.T.-Que.-Fla.
coarctatus Hald. 47-59 ¹²

Neobellamira Sw. & Hopp. 28-15 ^{12 14}

- * delicata Lec. 74-97 Cal.
sequoia Hopp. 34-115 Cal.
?antennata Schffr. 08-342 (Strangalia) ¹²

Strangalina Auriv. 12-240 ^{12 14 15}

- * (*Ophistomis* of Csy.) ¹²
(*Strangalia* of Lec.) ^{12 14}
virilis Lec. 73-212 Tex.
acuminata Oliv. 95-20 Ont.-Md.-O.
emaciata Newm. 41-68 ¹²
unicolor Hald. 47-62 ¹²
famelica Newm. 41-68 N.Y.-Ga.-Mo.-
confluenta Hald. 47-61 ¹² [Minn.
flaviceps Hald. 47-61 ¹²
obsoleta Hald. 47-61 ¹²
solitaria Hald. 47-61 ¹²
carolina Csy. 13-277 ¹²
ochreipennis Csy. 13-278 ¹²
bicolor Swed. 87-197 N.Y.-Ga.-Mich.
simulans Csy. 13-278 ¹²
sexnotata Hald. 47-61 ?Mass. Fla.-
texana Csy. 13-276 ¹² [N.M.-Colo.
evanescens Csy. 13-276 ¹²
montana Csy. 91-40 ¹²
strigosa Newm. 41-69 Fla.
luteicornis Fabr. 75-197 Mass.-Fla.-
[Tex.-Minn.

Euryptera Serv. 25-688 ¹²

- * ignita Schffr. 08-341 Ariz.
huachuca Schffr. 05-164 Ariz. Tex.
lateralis Oliv. 95-22 Mass.-Fla.-Miss.
distant Germ. 24-524 ¹² [Mex.
cincta Hald. 47-63 ¹²
obsoleta Hald. 47-63 ¹²
lateralis Hald. 47-63 ¹²
flavatra Blatch. 14-92 ¹²
subintegra Csy. 24-285 ¹²
cruentata Martin 30-70 Ariz.

* * *

² Linsley—38.¹² Revision of part of tribe, Hopping—37.¹³ Linsley — 38 changes the authority of these genera to Zetterstedt 28-376 (74); however, they are amply validated by Dejean in 1821 (p. 112) and must be credited to him.¹⁴ Hopping—34.¹⁵ This synonymy is given by Linsley—38 thus: *Strangalia* Serv. 35-220 (*Strangalina* Auriv. 12-228, *Ophistomis* Csy. 13-249).

- Argaleus** Lec. 50-319
 nltens Lec.,¹⁶ for 50-235 read 50-319³
- Acmaeops** Lec., for 50-235 read 50-321⁷
- Leptura**
 tibialis Lec., for 50-339 read 50-329³
 splendens Knull 35-191 Ariz.
- Anoplodera**
 insignis Fall. 07-251⁶ Cal., Is. off L.Cal.
 vittata Oliv. 92-523 N.A.
 v.saratogensis Rau 35-63 N.Y.
- Typocerus**
 standishi Knull 38-141 Tex. Okla
- PSEBIINI*¹⁷
- Leptidiella** Strand 36-169
 (*Leptidea* Muls. 39-105)
 brevipennis Muls. 39-105¹⁸ Eur. Cal.
 * * *
- Callimellum** Strand 28-2
 (*Callimus* || Muls. 46-App.)¹⁹
 cyanipenne Lec. 73-192
 varitipes Csy. 12-311³
 dehiscens Csy. 12-312³
 ruficollis Lec. 73-192
 longicollis Csy. 12-310³
 s.opacipennis Csy. 12-311³ Cal.
- Pæcilobrium**
 chalybeum Lec. 73-189 B.C.-Cal. Ida.
 rugosipenne Linell 96-395³
 minutum Csy. 24-261³
 gibsoni Hopp. 31-234³
- Semanotus**
 bifasciatum Fabr. 87-152²⁰ N.A.
 ANACOMIS Csy. 12-271²¹
 ligneus Fabr. 87-153²¹ N.A.
 nicolas White 55-321
 litigiosa Csy. 92-25²¹ Cal.
 v.terminata Csy. 12-274 Me.
 terminalis VanD. 37-112
- Phymatodes**
 blandus Lec. 50-79 Cal.
 s.picipes Linsley 34-165 Cal.
 propinquus Linsley 34-181 Cal.
 concolor Linsley 34-181 Cal.
 elongatus Hopp. 35-8 B.C.
- rainieri VanD. 37-113 Wash.
 lecontei Linsley 38-109 Cal.
 obscurum || Lec. 59-79³
 ?grandis Csy. 12-277³ Cal.
 vulneratus Lec. 57-60 Cal. B.C.
 nigrescens Hardy & Pr. 27-190²²
- Xylotrechus**
 undulatus Say 24-291 L.Sup. Id.
 fuscus Kby. 37-176²¹
 lunulatus Kby. 37-175²¹
 frosti VanD. 37-114
 fuscus of authors²¹
 insignis Lec. 73-199 Cal.
 v.nunenmacheri VanD. 30-43⁴ Ore.
- Neoclytus**
 confusus VanD. 37-115
 kirbyi of authors²¹
 longulus of authors²¹
 nubilus Linsley 33-93 Cal.
 muricatus Kby. 37-177 Can. N.St.
 kirbyi Auriv. 12-392²¹
 longipes || Kby. 37-176²¹
 acuminatus Fabr. 75-194. E.N.A.
 s.hesperus Linsley 35-163 Colo.
 resplendens Linsley 35-163 Cal.
- Triodoclytus** Csy. 13-387
 (*Synclitus* Lucas 20-480)²³
- Eudercus**
 balli Knull 35-192 Ariz.
- Rhopalophora**
 bicolorella Knull 34-336 Ariz. Tex.
- Stenosphenus**
 aridus Linsley 35-166 Utah
 arizonicus Linsley 35-165 Ariz.
 basicornis Linsley 34-60 L.Cal.
- Atimia**
 helenæ Linsley 34-25 Cal.
- Elytroleptus**
 floridanus Lec. 62-42 Mass. N.Y. Fla.
 s.iramaculipennis Knull 35-99 Tex.
- Tragidion**
 opacum Knull 37-306 Tex.
- Moneilema** Say 24-403
 (*Monoplesa* Mots. 75-144)²³
 annulata Say 24-404 Kan.-Mont.-Ar.
 armigera Mots. 75-146²³ Cal.
 scabra Mots. 75-146²³ Cal.
- Monochamus**
 fulvomaculatus Linsley 33-118 Cal.
- Dorcaschema**
 octovittata Knull 37-307 Tex.

⁶ Linsley—34.¹⁶ Transferred from *Pachyta*, Linsley—38.¹⁷ To follow *Necydalini*, Linsley—33.¹⁸ Linsley—33.¹⁹ This synonymy is cited by Mequignon—37 but fails to consider the prior name *Pilema* Lec. 73-192 (generally considered to be a synonym) and the still earlier name *Lampropterus* Muls. 63-214 (used as subgenus); nomenclaturally *Lampropterus* must be accepted as the genus name on the basis of these facts.²⁰ Transferred from *Callidium*, Linsley in litt.²¹ Van Dyke—37.⁴ Linsley—35.²² Hopping—35.²³ Linsley in litt.

Alphomorphus Linsley 35-100²⁴
vandykei Linsley 30-79 (*Pogonocherus*)⁴
 [Tex.]

Leptostylus

falli Linsley 34-182 Ariz.
monki Knull 36-106 Tex.

Leiopus

imitans Knull 36-107 Tex.

POGONOCHERINI²⁵

Zaplois Lec. 78-418²⁵

* *annulatus* Chev. 62-250 Fla. Cuba
hubbardi Lec. 78-415²⁵

Lysimena Lec. 52-155²⁵

* (*Allooscelis* Bates 85-358)²⁵
fuscata Lec. 52-155 N.Y.-Fla. Cuba,
leptis Bates 85-358²⁵ [Mex.-S.A.]
californica Horn 85-194 Cal.

Callipogonius Linsley 35-79²⁵

* *cornutus* Linsley 30-86 Tex.

Polianus Bates 80-120²⁵

(*Pogonocherus* of auth., in part)²⁵
californicus Schffr. 08-347 Cal.
pilatei VanD. 20-46²⁵
concolor Schffr. 09-102 Cal.
albidus Linsley 34-184 Cal.
oregonus Lec. 61-354 Pac.Cst.-Rky.Mts.
obscurus Fall 10-5 Ariz.
s.ponderosæ Linsley 35-85 Cal.
schaefferi Linsley 33-184 Cal.
vandykei Schffr. 32-153²⁵
californicus of authors (in part)⁶ ²⁵
negundo Schffr. 08-164 Ariz.
volitans Lec. 73-232 L.Cal. Guat.
hirsutus Bates 80-120²⁵

Ecyrus Lec. 52-160²⁵

* *penicillatus* Bates 80-137 Tex. Mex.
fasciatus Hamilt. 96-137²⁵
texanus Schffr. 08-347 Tex.
dasyceus Sav 27-270 E.N.A. Can.
obscura Hald. 47-50²⁵
eriquus Lec. 52-161²⁵
s.floridanus Linsley 35-93 Fla.

Lophopogonius Linsley 35-94²⁵

* *crinitus* Lec. 73-267 Pac.Cst.

Pogonocherus Zett. 28-364²⁵

(*Pityphilus* Lac. 72-653)²⁵

POGONOCHERUS (s.str.)²⁵

penicillatus Lec. 50-234 Alas. Rky.Mts.
alaskanus Schffr. 08-385²⁵ [E.N.A.]

⁴ Linsley—35.

⁶ Linsley—34.

²⁴ Belongs in tribe Acanthoderini near *Alphus*,
 Linsley—35.

²⁵ Revision of tribe, Linsley—35.

EUPOGONOCHERUS Linsley
 [35-97]

propinquus Fall 10-6 Pac.Cst. Rky.Mts.
arizonicus Schffr. 08-346 Ariz.
medianus Linsley 35-98 Ariz.
pictus Fall 10-6 Rky.Mts. N.Pac.Cst.
simplex Hamilt. 96-135²⁵
emarginatus Csy. 13-347²⁵
fastigiatus Csy. 13-348²⁵
mixtus Hald. 47-50 N.N.A.
simplex Lec. 73-237²⁵
parvulus Lec. 52-160 N.N.A.
salicicola Csy 13-347²⁵

* * *

Lochmaeocles

tesselatus Thoms. 67-90²⁶ Tex. S.A.

Cylindrataxia Linsley 34-183²⁷

salicicola Linsley 34-184 Tex.

Adetus Lec. 52-161²⁵

* (*Sicyobius* Horn 80-137)⁶
vanduzeei Linsley 34-62 L.Cal.
brousi Horn 80-137 Tex.

CHRYSOMELIDÆ

Aulacoscelis

ventralis Schffr. 33-297 Ariz.
femorata of Schffr.¹

Donacia

subtilis
s.magistrigata Mead 38-113 Cal.
idola Hatch 38-110 Wash.
distincta
s occidentalis Mead 38-114 Cal.
germari Mannh. 43-306 Ore.
flavipennis Mannh. 43-306²
emarginata Kby. 37-224 N.A.
pacifica Schffr. 25-135³

Crioceris

duodecimpuncta
v.dodecastigma Suffr. 41-40¹ Eur.
 [N.A.]

Lema Fabr. 98-90³

* *peninsulæ* Cr. 73-24 L.Cal.
marginempressa Schffr. 33-299 Ariz.
concolor Lec. 85-24 N.Mex.
texana Cr. 73-24 Tex.
arizonæ Schffr. 19-320 Ariz.
sayi Cr. 73-25 S.E.U.S.
cornuta Fabr. 01-475 S.E.U.S.
simulans Schffr. 33-300 Kans.
coloradensis Linell 93-475 Colo.
gaspensis Brown 38-35 Que.
palustris Blatch. 13-22 E.U.S.
v.floridana Schffr. 33-300³ Fla.

²⁶ Knull—37.

²⁷ Belongs in Ataxiini near *Aporataxia*, Linsley—34.

²⁸ Belongs in Adetini (to follow Ataxiini), Linsley—34.

¹ Schæffer—33.

² Mead—38.

³ Revision of genus, Schæffer—33.

- brunnicolis Lac. 45-391 Fla.
 maculicolis Lac. 45-392 S.E.U.S.
 collaris Say 24-430 Kan.-Ind. Fla.
 longipennis Linell 98-474 Colo. Neb. Ill.
 conjuncta Lac. 45-408 Fla.
 v.circumvittata Clark 66-41³ Fla.
 solani Fabr. 98-93 S.E.U.S.
 confusa Chev. 35-166 Fla.
 v.trabeata Lac. 45-409³ Fla. Ariz.
 v.omogera Horn 94-405³ L.Cal.
 balteata Lec. 85-24 Ariz.
 v.equestris Lac. 45-403³ Ariz.
 melanocephala Say 27-294 N.W.U.S.
 opulenta G. & H. 74-3258 Tex.
 flavida Horn 94-405 L.Cal.
 nigrovittata Guer. 29-262 N.M. Ariz.
 trilineata Oliv. 08-739 E.U.S.
 v.medionata Schffr. 33-303³ Fla.-N.C.
 v.trivittata Say 24-429^{1,3,4} W.St. N.Y.-
 immaculicollis Chev. 35-112¹ [Ala.
 trivirgata Lec. 59-22¹
 nigrovittata of Schffr.¹
 v.californica Schffr. 33-301^{1,3} Cal.
 nigrovittata Guer. 29-262 N.M.-
 notativentris Schffr. 19-322¹ [C.A.
 æmula Horn 94-406 L.Cal.
 jacobina Linell 98-474 Tex.
 sexpunctata Oliv. 08-738 S.E.U.S.
 v.albini Lac. 45-492³ S.E.U.S.
 v.ehippium Lac. 45-483³ S.E.U.S.

(*Antipus* DeG., not North American)¹

- Anomæa Lac. 48-130^{5,6}
 * mutabilis Lac. 48-137 Tex. Mex.
 ruficauda Fersb. 21-261⁶
 nitidicollis Schffr. 19-322 Tex.
 crassicornis Schffr. 33-313 Fla.
 laticlavata Forst. 71-27 Atl.St.-S.D.-S.A.
 v.floridana Schffr. 33-315⁶ Fla.
 v.kansana Schffr. 33-314⁶ Kan.
 angustata Schffr. 33-316 Fla.
 högei Jacoby 88-66 Tex. Mex.

Gynandrophthalma Lac. 48-256⁶

- * militaris Lec. 58-83 Tex.
 arizonica Schffr. 19-323 Ariz.

Coscinoptera

- dominicana Fabr. 01-34 N.Eng.-Fla.-
 [Mex.
 v.franciscana Lec. 59-22¹ Tex. Ariz.
 dorsalis Lec. 74-25¹ [Colo. Kan.

Bahia Lac. 48-424⁶

- * quadriguttata Oliv. 91-37 E.U.S.-Neb.-
 [Tex.
 v.pulla Lac. 48-429⁶ Ariz. N.M.
 v.tenuis Schffr. 33-320⁶ Wyo.
 tetraspilota Lec. 58-83 Ariz. N.M.
 v.texana Schffr. 33-320 Tex.
 humeralis Fabr. 01-37 L.Cal. Mex.
 oregona Schffr. 33-321 Ore.

Fulcidacinæ¹

(*Chlamydinæ*)¹

Arthrochlamys Ihering 05-642

(*Chlamys*) || Knoch 01-122)¹

* * *

Monachulus

- scaphidioides Suffr. 51-215⁷ Mex. Ariz.
 opacicollis Schffr. 33-321 Ariz.

Cryptocephalus

- notatus
 v.sellatus Schffr. 33-322 Tex.
 binominis
 v.rufibasis Schffr. 33-322 Fla.
 multisignatus Schffr. 33-322 Ariz.
 trizonatus Suffr., for Ariz. read Tex.¹
 egregius Schffr. 34-459 Tex. Ga.
 snowi Schffr. 34-461 Ariz.
 cowanæ Schffr. 34-462 Ariz.
 duryi Schffr. 06-230¹ Ariz. Tex.
 cupressi Schffr. 33-324 La.
 texanus Schffr. 33-323 Tex.
 amatus Hald. 49-253
 apicidens Fall 32-22⁷
 spurcus Lec. 58-84 Cal.
 s.vandykei White 37-112 Cal.
 cerinus White 37-111 Cal.
 s.nevadensis White 37-113 Nev.
 incertus Hald. 49-250 Ga. Conn.
 calidus Suffr. 51-241⁸
 bispinus Suffr. 58-347 Fla.
 albicans Hald. 49-252⁸
 pumilus Hald. 49-249 Ga. Fla.
 pseudolus Suffr. 58-373⁸
 simulans Schffr. 06-231 Ariz.
 v.conjungens Schffr. 34-460 Tex.
 v.eluticollis Schffr. 34-460 Ariz.
 luteolus Newm. 40-250
 defectus Lec. 80-201⁸
 sanfordi Blatch. 13-23⁸
 sanfordensis Clav. 13-182⁸

Diachus

- luscus Suffr. 58-377⁹ Ga.

Bassaræus

- formosus Melsh. 47-173
 v.egenus Suffr. 51-311⁸ Pa.
 v.confluentinus Schffr. 34-464⁸ Mass.-
 [Pa.
 mammifer Newm. 40-250
 speciosus Schffr. 34-463 (in error)⁸
 pretiosus Melsh. 47-174
 lituratus Fabr. 01-50
 v.geminatus Hald. 49-253⁹
 vittatus Suffr. 51-296⁸

Nodonota

- basalis Jacoby 90-197 Mex. Ariz.
 arizonica Schffr. 06-238⁸

⁴ Also cited as a valid species, Schæffer—33.

⁵ Cited as valid genus, Schæffer—33. (*Titubœa* Lac. is listed as a possible synonym).

⁶ Revision of genus, Schæffer—33.

⁷ Fall—34.

⁸ Schæffer—34.

⁹ Transferred from *Cryptocephalus*, Schæffer—34.

Euphrytus

- snowi Schffr. 34-464 Ariz.
parvicollis Schffr. 34-465 Ariz.

Colaspis

- arizonensis Schffr. 34-466 Ariz.
nigrocyanæa Cr. 73-45 Ariz.
 ? *dugesii* Lef. 85-32⁵
 ? *melancholica* Jac. 81-143⁵
viriditincta Schffr. 19-329⁵ Ariz.
viridiceps Schffr. 34-468 Ariz.
crinicornis Schffr. 34-469 Tex.
brunnea Fabr. 98-94
 v. *floridana* Schffr. 34-471⁵ Fla.
flavocostata Schffr. 34-470 Fla.
pini Barber 37-200¹⁰ La. Miss.
 s. *schottii* Barber 37-201¹⁰ N.J.
lata Schffr. 34-469 Neb.

Xanthonia

- pinicola Schffr. 34-471 Ariz.

Fidia

- viticida
 v. *texana* Schffr. 34-472 Tex.

Myochrous Er. 47-164¹¹

- * magnus Schffr. 04-228 Tex.
 denticollis Say 23-448 Fla. Ind. Ill. Tex.
 floridanus Schffr. 34-472 Fla.
 movallus Johnson 31-148 S.D.
longulus Lec. 58-86 Cal. Ariz.
pauillus Schffr. 34-473 Tex.
squamosus Lec. 59-24 Mont. Neb.

Glyptoscelis Lec. 59-81¹²

- * (*Eumolpus* Weber 01-28)¹²
illustris Cr. 73-35 Cal. Ore.
 s. *aridis* VanD. 38-194 Cal.
pubescens Fabr. 77-220 Ont.-Mass.-Ga.
 hirsutus Gmel. 88-1703¹²
 hirtus Oliv. 08-906¹²
 pini Say 27-295¹²
barbata Say 26-296 Conn.-D.C.-Ind.
liebecki Blatch. 10-1137 Ind. Ill.
prosopis Schffr. 05-169 Tex.
albida Lec. 59-81 Cal.
 s. *yosemitæ* Krauss 37-26 Cal.
 s. *diaboli* Krauss 37-26 Cal.
longior Lec. 78-462 B.C.-Ore.-Colo.
 albida of Horn 92-203¹²
sequoiæ Blais. 21-195 Cal.-Wash.-Nev.-
 [Ida.]
 s. *vandykei* Krauss 37-28 Ore.
parvula Blais. 21-196 Cal.
squamulata Cr. 73-36 Cal. Ore. Ariz. Ut.
alternata Cr. 73-36 Cal.
cryptica Say 23-449 Mo. Dak. Kan.
 albicans Baly 65-334¹² [?Mex.]

Colaspidea

- pallipes Fall 33-230 Cal.
grata Fall 33-230 Cal.
pomona Fall 33-231 Cal.
violaceipennis Horn 92-229 Ariz. Mex.
 ? *purpureicollis* Jac. 81-109⁸

Labidomera

- suturella Chev. 44-301⁵ Mex. Tex.

Chrysolina Mots. 60-210

- * (*Chrysomela* of auth., not Linn.)¹³
subsulcata Mannh. 53-254 Alas. N.W.T.
blaisdelli VanD. 38-48 Alas. N.W.T.
vidua Rogers 56-36 B.C.-Ore.-Ida.
 subseriata Lec. 60-321¹³
flavomarginata Say 24-452 Cal.-Alb.-O.
hudsonica Brown 38-35 Alas.-Que.
auripennis Say 24-452 Ind.-Tex.-Ariz.-
 cribraria Rogers 56-36¹³ [Ut.
 inornata Rogers 56-36¹³
 s. *cyanea* Schffr. 34-479¹³ Ariz. Ut.
 [N.M.]
basilaris Say 24-451⁸ Wyo. Colo. Neb.
 montevagans Lec. 78-463¹³
 montivagans VanD. 38-56
subopaca Rogers 56-36 N.Y.-Fla.-Ind.-
 opacipennis Cr. 75-50¹³ [Tex.
staphylea Linn. 58-370¹⁴ Eur. N.S.]

Calligrapha

- lunata Fabr. 87-69
 v. *latevittata* Achard 23-69⁸ Mass.
 lativittis Schffr. 34-478
 v. *mediorupta* Achard 23-69⁸
 medianota Schffr. 34-478
 v. *bowditchi* Achard 23-69⁸ Me. Mass.
 v. *hybrida* Say 23-449⁸ Colo. Neb. Man.
scalaris Lec. 24-173
 v. *floridana* Schffr. 34-476 Fla.
vicina Schffr. 34-476 N.Y.
verrucosa Suffr. 58-266⁸
multipunctata Say 23-451
 v. *bigbyana* Kby. 37-212⁶
 v. *suturella* Schffr. 34-478⁸ N.H.

Galerncella

- ribicola Brown 38-37 Man.
quebecensis Brown 38-36 Ore.
stefanssoni Brown 38-36 N.W.T.

Erynephala Blake 36-425¹⁵

- * puncticollis Say 24-458¹⁶ Man.-Tex.-Ida.
 erosa Lec. 85-28
 morosa Lec. 57-70¹⁶ Cal.
maritima Lec. 65-218¹⁶ N.S.-Fla.-Tex.-
 [W.I.]

Monoxia

- beebei Blake 37-89 Gulf of Cal.

⁵ Schæffer—34.¹⁰ Described from paratypes of *flavocostata*, Schffr.; this whole group badly needs revision; *brunnea* Fabr. must be changed, Barber—37.¹¹ Revision of genus, Schæffer—34.¹² Revision of genus, Krauss—37.¹³ Revision of genus, Van Dyke—39.¹⁴ Leng Catalog.¹⁵ Revision of genus, Blake—36.¹⁶ Transferred from *Monoxia*, Blake—36.

- Disonycha** Chev. 37-414¹⁷
 * *pennsylvanica* Ill. 07-146 Mass.-Fla.-
sexlineata Oliv. 08-642¹⁷ [Tex.-Ill.
pennsylvanica Strum. 43-283¹⁷
parva Blatch. 22-16¹⁷
conjugata Fabr. 01-495 N.C.-Fla. Cuba
costipennis Duval 57-129¹⁷
floridana Jacoby 01-146¹⁷
procera Csy. 84-182 B.C.-H.B.T.-Ga.-Ut.
?vicina Kby. 37-217¹⁷
?pallipes Cr. 73-64¹⁷
pennsylvanica of Horn 89-202
 [(part)]¹⁷
nigriventris Schffr. 31-282¹⁷
uniguttata Say 24-88 Mass.-Fla.-La.-
?vicina Kby. 37-217¹⁷ [Man.
?pallipes Cr. 73-64¹⁷
pennsylvanica of Horn 89-202
 [(part)]¹⁷
limbicollis Lec. 57-67 Cal. Nev.
alternata Ill. 07-144 N.W.T.-N.S.-S.C.-
?quinquevittata Say 24-88¹⁷ [Cal.
punctigera || Schffr. 31-279¹⁷
latiovittata Hatch 32-108 B.C.-Cal. Wyo.
puncticollis || Lec. 57-67¹⁷
quinquevittata Horn 89-203 (part)¹⁷
schaefferi Blake 33-24 Can. O.
pluriligata Lec. 58-27 Ill.-La.-Colo.
?quinquevittata Say 24-88¹⁷
v.pura Lec. 58-86¹⁷ Cal.-N.M. C.A.
capitata Jacoby 84-316¹⁷
quinquevittata of Jacoby 91-276¹⁷
punctigera Lec. 59-24 Ill.-N.M.-Alb.
?quinquevittata Say 24-88¹⁷
neglecta Schffr. 31-283¹⁷
punctipennis Schffr. 31-284¹⁷
arizonæ Csy. 84-52 Me.-S.C.-Ariz.-Man.
glabrata Jacoby 84-311
davisi Schffr. 24-141
v.borealis Blake 33-31 Ont. Mich.
tenuicornis Horn 89-208 Ariz. N.M.
caroliniana Fabr. 75-122 Mass.-Fla.-
?s-vittata Fabr. 92-47¹⁷ [Tex.-Ill.
?vittata Fabr. 01-491¹⁷
quinquevittata G. & H. 76-3497¹⁷
pulchra Csy. 84-51¹⁷
alternata || Horn 89-315¹⁷
figurata Jacoby 84-314 Nev. Ariz. C.A.
fumata Lec. 58-86 Tex. Mo. ?N.Y.
crenicollis of Horn 89-204 (part)¹⁷
alternata Jacoby 84-311 (part)¹⁷
horni Jacoby 84-311 (part)¹⁷
v.quinquerutata Schffr. 19-336¹⁷ Cal.-
carolina Brisley 25-175¹⁷ [N.M. Ut.
v.lodingi Schffr. 19-337¹⁷ Ala.
latifrons Schffr. 19-336 Cal.-N.M.-Mont.
v.laticollis Schffr. 31-284¹⁷ N.S.-N.J.-
 [Minn.
quinquevittata of Whiteh. 18-38¹⁷
discoidea Fabr. 92-25 Md.-Ga.-Tex.-
nigradorsis G. & H. 76-3497¹⁷ [Kan.
v.abbreviata Melsh. 47-163¹⁷ Pa.-Va.-
 [Ill.
- leptolineata* Blatch. 17-143 Fla.
v.texana Schffr. 19-339¹⁷ Va.-Ariz.
 [Kan.
antennata Jacoby 84-35 Fla. Mex.
albida Blatch. 24-169¹⁷
alabamæ Schffr. 19-337 Ala. Tex.
admirabilis Blatch. 24-90 Mass.-Va.-
 [Tex.-Ind.
glabrata Fabr. 81-156 N.Y.-Fla.-Ill.-S.A.
tomentosa of Fabr. 75-122¹⁷ [W.I.
vittata Oliv. 89-105¹⁷
alternata of Latr. 33-39¹⁷
horticola Dej. 37-414¹⁷
albicollis Sturm. 43-283¹⁷
maritima Mannh. 43-311 Cal. Nev.
collata Fabr. 01-463 Me.-Fla.-Ill.-C.A.
collaris Cr. 73-64¹⁷
mellicollis of Horn 89-211¹⁷
semicarbonata Lec. 59-25 N.M. Colo.
mellicollis Horn 89-211 (part)¹⁷
xanthomelas Dalman 23-79 N.W.T.-
collaris of Ill. 07-126¹⁷ [Mass.-Va.-
xanthomelæna G.&H. 76-3497¹⁷ [La.
merdivora Melsh. 53-122¹⁷
v.cervicalis Lec. 59-25¹⁷ Kans. Ga.
v.atrella Blake 33-57 Mass. Va. Ala.
triangularis Say 24-84 B.C.-Mass.-Va.-
puncticollis Kby. 37-218¹⁷ [Tex.
v.montanensis Blake 33-59 Mont.
politula Horn 89-211 Kan.-N.M.-Guat.
varicornis Horn 89-210 Tex. Cal. L.Cal.
funerea Rand. 38-47 Mass. Ct. Ga. Ala.
brevicornis Schffr. 31-281 Colo.
stenosticha Schffr. 31-285 Tex.
quinquevittata Fabr. 77-118¹⁸ Carol.
s-vittata Fabr. 92-47
mellicollis Say 31-10¹⁸ La. Mo.
vicina Kby. 37-217¹⁸ Can.
pallipes Cr. 73-64¹⁸
quinquevittata Say 24-85¹⁸ Mo.
- Altica**¹⁹
bimarginata Say 24-85²⁰
plicipennis Mannh. 43-310 Alas.-Cal.-
 [Tex.-Man.
subplicata Lec. 59-25 Can.-La.-N.M.-
 [Minn.
prasina Lec. 57-67 B.C.-Cal.-Ut.
ambiens Lec. 59-25 B.C.-Cal.-N.M.-Wyo.
v.alni Harris 69-263¹⁹ Me-Minn.
v.laticollis Blake 36-21 Ore. Cal.
 [Ariz. Nev.
guatemalensis Jacoby 84-297 Ariz. C.A.
napensis Blake 36-23 Cal.
caurina Blake 36-24 Alb. Wash.
 * * *
woodsii Isely 20-11²¹
nancyæ Stirrett 33-208 Iowa
populi Brown 38-37 Ont. Mann.

¹⁷ Revision of genus, Blake—36.¹⁸ Unrecognized species, Blake—33.¹⁹ Revision of part of genus, Blake—36.²⁰ Unrecognized species, Blake—36.²¹ Dietrich in litt.

Orestioides Hatch 35-276 ²²

* *robusta* Lec. 74-274 ²³ N.H. Que. Wash.

Systema

elongata Fabr. 98-99 N.Y.-Fla.-Cal.
subænea Lec. 57-68 ²⁴ [Man.
dimorpha Blake 33-181 Cal.-N.M.-Kan.-
 [Mont.

* * *

tæniata Say 24-294 ²⁴

blanda Melsh. 47-164 ²⁴ N.Y.-Ga.-N.M.-
 [Ida. Cal.

s.ligata Lec. 57-68 ²⁴ Cal.

ochracea Lec. 58-87 ²⁴

mitis Lec. 58-87 ²⁴ Cal.-Tex.-Colo.

bitæniata Lec. 59-26 ²⁴ Cal.-N.M.-Alb.-
 [Dak.

(*pallidula* Boh., not *North American*) ²⁴

lævis Blake 35-100 Cal.-Colo. Ariz.

californica Blake 35-101 ²⁴ Cal.

carri Blake 35-102 ²⁴ Alb.

* * *

gracilentia Blake 33-180 Tex. Mex.

Psyllodes

credens Fall 33-233 Cal.

verisimilis Fall 33-232 N.Mex.

Anisostena

arizonica Schffr. 33-103 Ariz.

texana Schffr. 33-103 Tex.

kansana Schffr. 33-104 Kans.

Anoplitis

ancoroides Schffr. 33-105 N.J.

Chalepus Thunb. 05-282

* *bicolor* Oliv. 92-96 ²⁵ Tex. E.St.

walshi Cr. 73-81 ²⁵ Ill.-Colo.-Ark.-Ariz.

Xenocephalus Weise 10-136 ²⁶

HEMICHALEPUS Spæth 37-147 ²⁶

arizonicus Uhm. 38-425 Ariz. Mex.

crotchii Weise 10-144 ²⁶

Brachycoryna

lateralis Schffr. 33-105 Colo.

Stenopodius Horn 83-301 ²⁷

* *flavidus* Horn 83-301 ²⁷ Cal.

submaculatus Blais. 39-433 Cal.

v.laticollis Blais. 39-434 Cal.

v.pallidulus Blais. 39-435 Cal.

inyoensis Blais. 39-435 Cal.

v.pallidus Blais. 39-437 Cal.

martini Blais. 39-437 Tex.

texanus Schffr. 33-106 ²⁷ Tex.

vanduzeel Blais. 39-440 Cal.

insularis Blais. 39-442 Gulf of Cal. Is.

²² Belongs in *Halticini* near *Crepidodera* and *Orestioides*, Hatch—35.

²³ Transferred from *Crepidodera*, Hatch—35.

²⁴ Revision of part of genus, Blake—35.

²⁵ Uhmann—36.

²⁶ Uhmann—38.

²⁷ Revision of genus, Blaisdell—39.

Pentlspa

suturalis Baly 85-51 Mex. Ariz.
 (*v.vittula* Weise, not *No. American*) ¹

Microrhopala

arizonica Schffr. 06-253 ²⁸

Chelymorphia

phytophagica Cr. 73-77 Ariz.

v.luteata Schffr. 33-108 Ariz.

Cassida

(*nebulosa* Linn., not *North American*) ¹

flaveola Thunb. 94-103 ¹ Eur. Pa. Md.
 [N.Y.]

Chirida

barberi Spæth 36-140 Fla.

Psalidonota Boh. 55-81

* *texana* Schffr. 33-108 Tex.

leprosa of Horn ¹

Erepocassis Spæth 36-260

* *rubella* Boh. 62-449 Ala. Ga.

marginipunctata Schffr. 25-236 ²⁹

marginipuncta Spæth 36-260

Strongylaspis Spæth 36-216 ³⁰

* *bisignata* Boh. 55-119 ²⁹ Kans. O. Tex.

BRUCHIDÆ

(*Mylabridæ*, *Acanthoscelidæ*)

Bruchus

tenuis Bott. 35-127 Fla.-Tex.-Mich.

brachialis Fahr. 39-79 ³¹ O.-N.J.-Ga.

BRENTIDÆ**Arrhenodes**

minutus Drury 70-95 ¹ E.N.A.

PLATYSTOMIDÆ

(*Anthribidæ*) ²

Gonoloclæons Jord. 04-260

* (*Tropideres* of authors) ³

bimaculatus Oliv. 95-14 ³ E.St.

rectus Lec. 76-395 E.St.

Brachytarsoides Pierce 30-29

irregularis Tanner 34-285 Utah

¹ Schæffer—33.

²⁸ Probably valid species, Schæffer—33.

²⁹ Spæth—36.

³⁰ To follow *Metrona*, Spæth—36.

³¹ Bridwell & Bottimer—33; Bottimer—36 and 37.

¹ Transferred from *Eupsalis* (or *Platysystrophus*)

by Buchanan—39.

² This name used by Zimmerman—36 and Wol-

frum—38.

³ Transferred from *Tropideres* by Wolfrum—38.

CURCULIONIDÆ

Acmaegenius⁹

* * *

(Auletes Schönh., not North American)⁴Auletobius Desbr. 68-396^{4 5}(Metopon Waterh. 42-lxii)⁴(Involvulus Schrank 98-476)⁴(Auletes of authors)⁴AULETOBIUS (s.str.)⁴congruus Walk. 66-331^{4 5} Ida-Neb.-Colo.subcæruleus Lec. 76-4⁵MESAULETES Voss 33-116⁶nasalis Lec. 76-412^{4 5} Cal.humeralis Boh. 59-117^{4 5} Cal.rufipennis Pierce 09-327⁶albovestita Bl. & Leng 16-54^{4 5} N.A.ALLETINUS Desbr. 08-79^{4 5}(Nemonus Desbr. 08-13)⁵ater Lec. 76-4⁴ Mass.-Tex.-Ont.

* * *

?cassandræ Lec. 76-5⁶ N.A.?laticollis Csy. 88-233⁶ Cal.?blatchleyi Voss 35-240⁶ Fla.minor Blatch. 22-98⁶?viridis Pierce 09-327⁶ Cal.

Deporaus Leach 19-201

• (Platyrhynchus Thunb. 15-123)⁷

HYPODEPORANUS Voss

[23-388⁷glastinus Lec. 57-52⁷ Colo. Ariz. Cal.

[Wash.

Rhynchites Schneid. 91-82⁷HAPLORHYNCHITES⁷eximius Lec. 76-413⁷ Colo. Ariz.æneus Boh. 29-22⁷ Can. Fla. Ore.INVOLVULUS Schrank 98-475⁷hirtus Fabr. 01-421⁷ Mass. Fla. Mich.consobrinus Voss 38-159⁷ N.A.RHYNCHITES (s.str.)⁷velatus Lec. 80-216⁷ Cal.

Corigetetus Desbr. 73-662

castaneus Røelofs 73-168⁸ Asia, N.Y.

Brachyrhininæ

(Otiiorhynchinæ)

Trichalophus⁹

seminudus VanD. 38-7 Colo.

Plinthodes⁹Triglyphulus Ckll. 06-243⁹

• ater Lec. 76-117 Cal.

nevadensis VanD. 38-8 Nev.

⁴ Voss—33.⁵ Revision of genus, Voss—34.⁶ Doubtful species, Voss—35.⁷ Voss—38.⁸ Davis—35.⁹ Transferred from Alophini, Wilcox & Davis—35.

Sapotes

longipilis VanD. 34-175 Ariz.

Eupagoderes

huachucae VanD. 34-180 Ariz.

halli VanD. 34-181 Ariz.

simulans VanD. 34-176 Tex.

decipiens Lec. 53-445

dunnianus Csy. 88-240¹⁰ Colo. Ut.

ocellatus VanD. 34-177 Ariz.

setosus VanD. 34-179 Ariz.

Cimbocera Horn 76-55¹¹* cinerea VanD. 35-1¹¹ Colo.

cazieri VanD. 36-73

pauper Horn 76-56¹¹ Dak. Wyo. Mont.conspersa Fall 07-261¹¹ Mont.-N.M.-sericea Pierce 13-379^{11 12} [Ariz.robusta VanD. 35-2¹¹ Cal.

Paracimbocera VanD. 38-1

* atra VanD. 38-2 Nev.

Miloderoides VanD. 36-74

* maculatus VanD. 36-76 Ida.

argenteus VanD. 35-4¹³ Colo.

Lepidopus VanD. 36-76

* nevadicus VanD. 36-77 Nev.

parvulus VanD. 36-78 Ida.

Dichoxenus

setosus Blatch. 16-103¹⁴ Ind. Mo.

Pseudorimus VanD. 34-182

* granicollis VanD. 34-183 Ariz.

gravicollis VanD. 34-185 N.Mex.

orbicollis VanD. 34-184

Crocidema VanD. 34-185

* californica VanD. 34-187 Cal.

nigrior VanD. 34-188 Ariz.

planifrons VanD. 34-189 Ariz.

attenuata VanD. 34-190 Utah

albovestita VanD. 34-190 Ariz.

Melanolemma VanD. 35-5

montana VanD. 35-5 Colo.

Peritaxia Horn 76-46

(Parataxia VanD. 36-79)

uniformis VanD. 36-79 Ariz. Colo.

brevipilis VanD. 35-6 Ariz.

¹⁰ Van Dyke—34.¹¹ Revision of genus, Van Dyke—35.¹² Listed as variety by Van Dyke in 1934.¹³ Described in Miloderes, Van Dyke—35.¹⁴ Transferred from Anametis, Van Dyke—34.

Dyslobus Lec. 69-380 ¹⁵

- * (*Amnesia* Horn 76-48) ¹⁶
- (*Thricomigus* Horn 76-48) ¹⁶
- (*Melamorphus* Horn 76-40) ^{10 18}
- segnis Lec. 57-56 Cal. Ore.
- lecontei Csy. 95-811 Cal-Wash.
- simplex VanD. 33-37 Ore-Wash.
- verrucifer Csy. 95-812 Ida-B.C.
- bituberculatus* Pierce 13-388 ¹⁵
- denticulatus Pierce 13-388 Cal.
- alepidotus Ting 37-79 Cal.
- granicollis Lec. 69-380 B.C.-Cal.
- sculptilis* Csy. 88-250 ¹⁵
- discors* Csy. 95-814 ¹⁵
- debilis* Csy. 95-815 ¹⁵
- s.tumidus* Csy. 95-813 ¹⁵ Cal.
- s.vestitus* VanD. 33-39 Cal.
- viridescens VanD. 33-33 Ore.
- squamipunctatus Pierce 09-350 Cal.
- willcoxi VanD. 33-40 Ore.
- decoratus Lec. 69-381 Cal-B.C.
- ursinus Horn 76-51 Ore.
- raucus Horn 76-51 Cal. Vanc.
- ciliatus* Pierce 13-385 ¹⁵
- tanneri VanD. 33-42 Utah
- wasatchensis Tanner 38-147 Utah
- argillous VanD. 35-7 Utah
- remotus VanD. 33-3 Ore.
- blaisdelli VanD. 33-42 Cal.
- bakeri VanD. 33-43 Cal.-Wash.
- luteus Horn 76-48 Colo. Mont. Wash.
- granulatus Csy. 88-248 Cal. Ore.
- deciduus Horn 76-52 Cal.
- sordidus Horn 76-52 Cal.
- elongatus* Horn 76-53 ¹⁵
- alternatus Horn 76-52 Mont. Alb.
- [Wash. Cal.
- tessellatus Csy. 88-249 Cal.
- franciscanus VanD. 33-45 Cal.
- nigrescens Pierce 13-384 Wash.
- niger Horn 76-40 Nev.
- dolorosus VanD. 33-46 Cal.

Adaleres

- flandersi VanD. 35-8 Cal.

Panscopus Schönh. 42-266 ¹⁷**PANSCOPUS** (s.str.)

- alternatus Schffr. 08-214 N.C.Ga.W.Va.
- erlnaceus Say 31-12 N.H.-Va.-Wls.
- carinatus* Pierce 13-398 ¹⁷
- impressus Pierce 13-395 S.E.St.
- s.thoracicus* Buch. 36-4 N.C.
- alternatus* Pierce 13-394 ¹⁷
- PARAPANSCOPUS** Buch. 36-
[5 ¹⁷
- maculosus Blatch. 16-105 N.Y.-Ky.-Ia.
- ovatipennis Buch. 36-6 Ont.
- s.verrucosus* Buch. 36-7 Pa.
- PHYMATINUS** Lec. 69-382 ¹⁷
- gemmatus Lec. 57-56 Cal.-Wash.

NOCHELES Lec. 74-453 ¹⁷**(Panscopideus** Pierce 13-
[394] ¹⁷

- torpidus Lec. 57-55 Wash. Ore.
- squamosus Pierce 13-394 Ore.
- v.dentipes* Pierce 13-395 ¹⁷ Wash.
- micelbacheri Ting 38-121 Cal.
- DOLICHONOTUS** Buch. 36-9 ¹⁷
- convergens Buch. 36-10 Ore.
- oregonensis Buch. 36-11 Ore.
- PSEUDOPANSCOPUS** Buch.
[27-33 ¹⁷
- costatus Buch. 27-33 B.C. Wash.
- NEOPANSCOPUS** Pierce 13-
[397 ¹⁷
- æqualis* Horn 76-55 Kan.-Alb.-B.C.-Cal.
- cinereus* Horn 76-55 ¹⁷
- vestitus* Csy. 88-251 ¹⁷
- squamifrons Pierce 13-397 Cal.
- wickhami Buch. 36-13 Cal.
- NOMIDUS** Csy. 95-818 ¹⁷
- johnsoni VanD. 35-9 Wash.
- bufo Buch. 27-31 Cal.
- abruptus Csy. 95-819 Cal. Wash.
- rugicollis Buch. 27-31 Wash. Ore.
- schwarzi Buch. 27-30 Ut. Ida.
- longus Buch. 36-16 Wash.
- pallidus Buch. 27-31 B.C. Wash. Mont.
- tricarlnatus Buch. 27-32 Ore.
- bakeri Buch. 36-17 Wash.
- ovalis Pierce 13-396 Alb.

* * *

- coloradensis VanD. 36-80 Colo.

Tanymecus

- texanus VanD. 35-86 Tex.

(*fuscifrons* Ch4, 185) is a synonym
HORMORINI ¹⁸

Hormorus ¹⁰

- Agasphærops** Horn 76-24 ¹⁸
- * *nigra* Horn 76-25 Cal.
- sulcirostris* Pierce ¹⁰

- Lupinocolus** VanD. 36-81 ¹⁵
- * *blaisdelli* VanD. 36-82 Cal. Nev.

* * *

Mitostylus

- elongatus* VanD. 36-83 Tex.

Epicærus Schönh. 34-323

- * (*Melbonus* Csy. 95-820) ¹⁰
- scapalis* Csy. 95-821 ¹⁰ Ariz.
- denticulatus* Pierce 09-350 ¹⁰
- uniformis* Tanner 34-287 Utah
- laetula* "

¹⁰ Van Dyke—34.¹⁵ Revision of genus, Van Dyke—33.¹⁶ Used also as subgenera, Van Dyke—33.¹⁷ Revision of genus, Buchanan—36.¹⁸ Revision of new tribe in Brachyrhininae, Van Dyke—36.¹⁹ Transferred from *Panscopus* (*Phymatinus*), Buchanan—36.

- Epacarus*
p. 66
- Mimetes** Schönh. 47-23¹¹
 * (*Amotus* Csy. 88-237)^{10 11}
 (*Stamoderes* Csy. 88-237)^{10 11}
setulosus Schönh. 63-40 Cal.
gracilior Csy. 88-245¹¹
longisternus Csy. 88-244¹¹
uniformis Csy. 88-237 Cal.
longipennis Pierce 09-348 Cal.
seniculus Horn 76-45 Cal.
lanei VanD. 35-86 Wash. Ore.
lasalanus Tanner 34-287 Utah
- Pantomorus** Schönh. 39-942²⁰
GRAPHOGNATHUS Buch. 39-
 [11]²⁰
leucoloma Boh. 40-62²¹ S.A. Australia,
 [Fla.-La.
peregrinus Buch. 39-14 Miss.
ATRICHONOTUS Buch. 39-15²⁰
tæniatulus Berg 81-61 Fla.-Tex. S.A.
texanus Pierce 11-49 (Artipus)²⁰
ASYNONYCHUS Cr. 67-388²⁰
 (*Aramigus* Horn 76-93)²⁰
 (*Aomopactus* Jekel in Horn
 [76-94])²⁰
godmani Cr. 67-389 N.A. S.A. C.A.
fulleri Horn 76-94²⁰ [Africa, Orient,
olindæ Perkins 00-130²⁰ [Eur.
ovulum Jekel, Hust. 22-100²⁰
?subvittatus Fairm. & Germ. 61-7²⁰
tessellatus Say 24-318 Ill.-Okla. Kan.
sublineatus Dej. 37-289²⁰
fdurius Boh. 40-27²⁰
fcandida Horn 07-248²⁰
pallidus Horn 76-94 Ill.-Tex.-Colo.
fdurius Boh. 40-27²⁰
fcandida Horn 07-248²⁰
PHACEPHOLIS Horn 76-95²⁰
elegans Horn 76-95
v.elegans (s.str.) Neb.-Tex.-Cal.
metallicus Pierce 13-417²⁰
v.viridis Pierce 09-361²⁰ Tex. Mex.
v.pallidulus VanEmd. 36-28²⁰ Tex.
pallidus || Pierce 10-363^{20 22}
v.exlmius Buch. 39-32²⁰ Tex.
texanellus Buch. 39-36 Tex.
texanus || Pierce 13-417²⁰
candidus Horn 76-97 Kan.-S.D.-Mont.-
nebraskensis Pierce 13-416²⁰ [Colo.
planitlatus Buch. 39-36 Neb.-N.M.-Mont.
obscurus Horn 76-96 Kan.-Tex.
- Mesagroicus**
elongellus VanEmd. 36-30 Ore.
elongatus Buch. 29-10²²
v.nevadicus Buch. 29-11²² Nev.
v.incertus Buch. 29-11²² Wash.
- Cryptolepidus** VanD. 36-191²³
 (*Lepidopus* VanD. 36-76)
- Trigonoscute**²⁴
imbricata VanD. 36-83 Cal.
- Thysanocorynus** VanD. 38-5²⁴
aridus VanD. 38-6 Cal.
- Stereogaster** VanD. 36-84²⁵
globosa VanD. 36-85 Cal.
- Otiorrhynchus**
arcticus Fabr. 80-188²⁶ Greenl. Lapl.
- Sciopithes** Horn 76-62²⁷
 * *obscurus* Horn 76-63 B.C.-Cal.
significans Csy. 88-255²⁷
brumalis Csy. 88-256²⁷
angustulus Csy. 88-257²⁷
arcuatus Csy. 88-257 Cal.
intermedius VanD. 35-90 Cal.
insularis VanD. 35-90 Cal.
sordidus VanD. 35-91 Cal.
setosus Csy. 88-258 Cal.
- Myllocerus** Schönh. 26-178²⁸
castaneus Røelofs 73-168²⁹ Jap. Sib.
 [?N.A.]
- Trachyphlæus**
bifoveolatus Beck 17-22³⁰ Eur. N.S.
 [N.B. N.Y.
davisi of authors (not Blatch.)³⁰
- Paraptochus** Seidl. 68-35¹¹
 * *sellatus* Boh. 59-126 Cal.
setiferus VanD. 35-93 Cal.
uniformis VanD. 35-95 Cal.
- Stenoptochus**
vanduzeei VanD. 35-95 Cal.
- Omiias**
albus VanD. 35-96 Wash.
- Anchitelus** VanD. 36-19³¹
alboviridis VanD. 36-19 Cal.
- Peritelinus** Csy. 88-263
 * *erinaceus* VanD. 36-20 Cal.
variegatus Csy. 88-263 Cal.
oregonus VanD. 36-21 Ore.

¹⁰ Van Dyke—34.¹¹ Revision of genus, Van Dyke—35.²⁰ Revision of genus, Buchanan—39.²¹ First reported in genus *Naupactus*, Watson—37.

etc.

²² Von Dalla Torre & Van Emden—36.²³ Subfamily Brachyrhininae, Van Dyke—36.²⁴ Tribe Trigonoscutini, Van Dyke—36.²⁵ Tribe Calyptrillini, Van Dyke—36.²⁶ Henriksen—35.²⁷ Revision of genus, Van Dyke—35.²⁸ To follow *Neoptochus*.²⁹ Authority not known.³⁰ Buchanan—37.³¹ To follow *Periteloides* in tribe Simoini, Van Dyke—36.

Nemocestes VanD. 36-22 ³²

- (*Geoderces* Horn 76-70) ³³
 - horni VanD. 36-25 Mich. Kan. N.Y.
 - melanothrix* of Horn 76-71 ³²
 - incomptus Horn 76-72 B.C.-Cal. Wyo.
 - longulus VanD. 36-26 Cal.
 - sordidus VanD. 36-26 Cal.
 - montanus VanD. 36-27 Cal.-Wash.
 - puncticollis Csy. 88-264 Cal.
 - tuberculatus VanD. 36-28 Cal.
 - kœbelei VanD. 36-183 Cal.
 - kœbeli* VanD. 36-29
 - expansus VanD. 38-4 Cal.

Aragnomus

- setosus VanD. 36-30 Cal.

Encyllus Horn 76-74 ³³

- (*Encyllus* VanD. 36-31) ³³
 - vagens Horn 76-74 Ariz. Cal.
 - echinus VanD. 36-31 Cal.
 - unicolor VanD. 36-32 Cal.

Sitona

- cylindricollis Fahr. 40-269 ^{34 35} Eur.
- [Vt. Ont.
- lineatus Linn. 58-385 ³⁶ Eur. B.C.
- cockerelli Blais. 38-31 [San Miguel Id. L. Cal.

Lepidophorus Kby. 37-201 ³⁷

- (*Lophalophus* Lec. 76-120) ³⁷
 - inquinatus Mannh. 52-351 Alaska
 - rainieri VanD. 30-149 Wash.
 - angulatus Buch. 36-4 Ida. Wash.
 - plumosus Buch. 36-6 Colo.
 - lineaticollis Kby. 37-201 Y.T. Can. Alas.
 - pumilus Buch. 36-7 B.C.
 - bakeri Buch. 36-8 Wash.
 - s.utensis Buch. 36-10 Utah
 - alternatus VanD. 30-150 Wash. Ore.
 - setiger Hamilt. 95-347 N.Y.-Va. St. Vnc.

Lepyrus ³⁷

- labradorensis Blair 33-96 Arctic N.A.
- colon of Harring. ³⁸
- nordensklöldi Faust. 85-34
- s.cæsius Csiki 34-7
- cinereus || VanD. 28-55 ³⁹

Listroderes

- obliquus Klug 29-? S.A. Miss. Cal.
- obliquus Gyl. 34-277 ^{39 40} [Afr.]
- novica French 08-? ⁴⁰ [Australia]
- costirostris of authors ⁴⁰

Hylobius Germ. 17-340 ⁴¹

- congener DallaT., Sch. & Marsh. 32- [15 Mass.-Alas.]
- confusus* || Kby. 37-196 ⁴¹
- pales Hbst. 97-31 Can.-Fla.-Tex.-Minn.
- radicis Buch. 34-252 N.Y. Minn.
- Cholus** Germ. 24-212 ⁴²
 - catoleucus Chev. 81-482 N.A.
 - cattleyæ Champ. 16-201 S.A. Wis. D.C.
 - cattleyarum* Barber 17-178 ⁴² [N.J.]
 - forbesi Pasc. 76-xxx S.A. N.J.

Smicronyx

- dietzi Klima 34-95 N.J. D.C. Ind.
- nebulosus* || Dietz 94-157 ⁴³
- faliaciosus Klima 34-95 Tex. Kan.
- fallax* || Dietz 94-157 ⁴³
- albidosquamosus Klima 34-94 Ariz.
- albosquamosus || Dietz 94-168 ⁴³

Sthereus Mots. 45-374 ⁴⁴

- (*Trachodes* of authors, not Grm.) ⁴⁴
 - ptinoides Germ. 24-327 B.C.-Alas.
 - quadrituberculatus Mots. 52-355 Cal.- [Alas.]
 - multituberculatus Buch. 36-179 Ore.- [Alas.]

Lobosoma Buch. 36-180 ⁴⁵

- (*Aparapion* of authors) ⁴⁵
 - horridum Mannh. 52-354 Ore.-Alas.

Gastrotaphrus Buch. 36-180 ⁴⁶

- barberi Buch. 36-181 Cal.-B.C.

Thysanocnemis

- caseyi Klima 34-3 Nebr.
- brevis* || Csy. 10-129 ⁴⁷

Magdalis

- piceæ Buch. 34-85 Mass. N.H.

Anthonomus

- blatchleyi Schenk. & Marsh. 34-40 Fla.
- australis* || Blatch. 25-98 ⁴⁸
- 17207, for 43-232 read 33-232 ⁴⁸
- univestus Schenk. & Marsh. 34-51 Fla.
- uniformis* || Blatch. 16-300 ⁴⁸

Epimechus

- arenicolor Fall 01-265 Ariz.
- baccharidis* Pierce 08-178 (Anthonomus) ⁴⁹

Rhynchænus Clair.-Sch. 98-70

(*Orchestes* Ill. 98-498) ⁴⁹

³⁷ Revision of genus, Buchanan—36.

³⁸ Buchanan—37.

³⁹ Revision of genus, Van Dyke—36.

⁴⁰ Revision of genus, Van Dyke—36.

⁴¹ Buchanan in litt.

⁴² Cæsar—36.

⁴³ Downes—38.

⁴⁴ Belongs in Cleonine according to Marshall—32 (p. 344).

⁴⁵ Brown—37.

⁴⁶ Csiki—34.

⁴⁷ Placed as synonyms of *costirostris* by Essig—33.

⁴⁸ Revision of genus, Buchanan—36.

⁴⁹ Revision of genus, Buchanan—34.

⁵⁰ Revision of genus, Klima—36.

⁵¹ Klima—34.

⁵² To follow *Lobosoma* in Trachodini, Buchanan—36.

⁵³ Schenkling & Marshall—34.

⁵⁴ Chamberlin in litt.

⁵⁵ Fall—34.

⁵⁶ Buchanan—39.

Gymnætron Schönh. 26-519 ⁴⁹

- * antirrhini Payk. 00-257 Mass.-N.J.
 netum Germ. 21-307 Conn.-Va.-Ia.
 teter Fabr. 01-448 Can.-Ga.-Tex.-Wash.

Cleonus Schönh. 26-145

DINOCLEUS Csy. 91-176

- capillosus Csiki 34-66 Cal.
pilosus || Lec. 76-145 ⁵⁰
 structor Csiki 34-67 Cal. Ariz.
molitor || Lec. 58-78 ⁵⁰

CLEONIDIUS Csy. 91-176

(Apicurus Chev. 73-78. part ⁵⁰)

- americanus Csiki 34-64 Cal.
basalis || Fall 97-242 ⁵⁰
 placidus Csiki 34-65 Cal.
pacificus Fall 01-260 ⁵⁰
 coloradensis Csiki 34-64 Colo.
canescens || Lec. 76-151 ⁵⁰
 lecontellus Csiki 34-64
carinicollis || Lec. 76-152 ⁵⁰
 stratus Csiki 34-65 Colo.
sparsus || Lec. 76-152 ⁵⁰

Lixus

- blatchleyi Csiki 34-120 Mich.
cavicornis || Blatch. 22-113 ⁵⁰

Baris

- caseyi Hust. 38-51 Colo. Tex. La.
vagans || Csy. 20-318 ⁵¹
 blatchleyi Hust. 38-51 Fla.
australis || Blatch. 20-168 ⁵¹
 lengi Hust. 38-54 Ont.
carbonaria || Bl. & Leng 16-356 ⁵¹

Cosmobaris Csy. 20-344 ⁵²

- * scolopacea Germ. 24-202 ^{52 53} R.I.-Ia.
americana Csy. 20-344 ^{53 54} [Eur.
squamiger Hayes 36-27 ^{53 54}
sionilli Hayes 36-28 ^{53 54}

Orchidophilus Buch. 35-45 ⁵⁵

- * (Acythopeus of authors) ⁵⁵
 peregrinator Buch. 35-46 Hawaii, P.I.
 [D.C.
 gilvonotatus Barber 17-17 Orient, D.C.
 [Cal.
 orchivora Blackb. 00-61 N.J.

Acanthoscelis

- utahensis Tanner 34-48 Utah

Ceutorhynchus

- assimilis Payk. 00-257 ⁵⁶ Eur. Wash.
 punctiger Gyll. 37-538 Eur. Que.-N.J.-
marginatus of authors ⁵⁹ [Ind.
 americanus Buch. 37-205 Que.-Md.-
cyanipennis of authors ⁵⁹ [Tex.-B.C.

Perigaster

- litratus Dietz 96-457 Ont.- N.J.-Ia.
longirostris Buch. 31-323 ³⁰ [Wash.

Phytobius Schönh. 36-458 ⁴⁹

- * (Pelonomus Thoms. 59-138) ⁴⁹
 17827 to 17834, belong here

(Eubrychius Thoms., not No. Amer.) ³⁰

Litodactylus Redt. 49-399

- * griseomicans Schw. 91-165 ⁴⁹ Wis.-Kan.-
 [Wash.

Eubrychiopsis Dietz 96-474 ⁴⁹

- * lecontei Dietz 96-475 Mich. Wis. Ia.
 albertanus Brown 32-11 B.C.-Alb.

*Faustianus*Collabismodes Champ. 05-541 ⁵⁵

- * cubæ Boh. 44-342 ⁵⁵ Cuba, Fla.
 ater Blatch. 28-238 ⁵⁷ Fla.

Conotrachelus Schönh. 37-392

- (Loceptes Csy. 10-130) ³⁰
 recessus Csy. 10-130 Kan. Okla. Ark.
 atokanus Fall 13-65 ³⁰ [Tex.

Euscepes

- postfasciatus Fairm. 49-513 (Crypto-
 [rhynchus) ⁴⁸ Cal. Tropics
 batatæ Waterh. 49-LXIX ⁴⁸

Sternochetus Pierce 17-143

- (Cryptorhynchidius Pierce 19-25) ⁴⁸
 mangiferae Fabr. 75-139 (Cryptorhyn-
 [chus) ⁴⁸ E. Ind. Fla.
 lapathi Linn. 46-591 (Cryptorhynchus) ⁴⁸
 [Eur. N.A.

Cossonus ⁵⁵

- americanus Buch. 36-112 Que.-Cal.-
 [Wash.
subareatus of authors (part) ⁵⁷
 pacificus VanD. 16-74 Ariz.-Cal.-
 [B.C. Que.
 rufipennis Buch. 36-114 Kans. Dak. Mo.
subareatus of authors (part) ⁵⁷

Sitophilus Schönh. 38-979

- (Calandra of authors) ⁵⁹
 (Calendra of authors) ⁵⁹
 dietrichi Satt. 33-210 Miss. Ala.
 lucedalensis Satt. 33-212 Miss.

PLATYPODIDÆ

Platypus

- blanchardi Chap. 66-185 ⁵⁰ Fla.
 18168, for 15-48 read 16-97 ⁴⁹

⁴⁹ Revision of genus, Buchanan—37.

⁵⁰ Csiki—34.

⁵¹ Hustache—38.

⁵² Revision of genus, Hayes—36.

⁵³ Fall—37.

⁵⁴ Listed as valid species by Hayes—36.

⁵⁵ Revision of genus, Buchanan—35

⁵⁶ Baker—36.

³⁰ Buchanan—37.

⁴⁸ Chamberlin in litt.

⁴⁹ Buchanan—39.

⁵¹ Junk Cat. p. 151, p. 210.

⁵² Revision of pacificus-group, Buchanan—36.

⁵³ Satterthwait in litt.

⁵⁴ Valid species, Schedl—33.

SCOLYTIDÆ

Scolytus Geoffr. 62-310 ⁶¹

- (*Eccoptogaster* Hbst. 93-124) ⁶¹
 - rugulosus Ratz. 37-187 Eur. N.A.
 - muticus Say 24-323 E.U.S.
 - fagi Walsh 67-38 Ill. Tex.
 - sulcatus Lec. 68-167 Conn.-N.J.
 - reflexus Blackm. 34-13 Ariz.
 - wickhami Blackm. 34-13 Colo. N.M.
 - tsugæ Sw. 17-32 Cal.-B.C.-Alb.
 - monticolæ Sw. 17-32 Or.-B.C.-Wyo.
 - quadrispinosus Say 24-323 N.A.
 - caryæ Riley 67-? ⁶¹
 - subscaber Lec. 76-371 Cal.-B.C.
 - oregoni Blackm. 34-18 Ore.
 - robustus Blackm. 34-19 Colo. N.M.
 - præceps Lec. 76-371 [Ar. Ut. Cal.-Tex.
 - opacus Blackm. 34-20 Colo. Ut. Mont.
 - abietis Blackm. 34-21 Ida.
 - ventralis Lec. 68-167 B.C.-Cal.
 - scolytus Fabr. 75-59 [N.M.-Mont. Eur. ?U.S.
 - californicus Lec. 68-165 ⁶¹
 - sobrinus Blackm. 34-23 Wash. Or. Wyo.
 - laricis Blackm. 34-24 Ida. Mont.
 - fiskei Blackm. 34-25 N.M. Colo.
 - unispinosus Lec. 76-371 Cal.-B.C.
 - piceæ Sw. 10-34 Que.-N.Y.-Mont.
 - multistriatus Marsh. 02-54 Eur. Mass.-[Pa.

Hylesininæ ⁶³Crypturgus ⁶²Dolurgus ⁶²Polygraphus ⁶²Carpoborus ⁶³

- crestatyi Bruck 36-36 Cal.
- vandykei Bruck 33-104 Cal.
- swainei Bruck 33-105 Cal.

Renocls ^{63 65}

- penicillatus Brown 33-239 Cal.

Pseudoceryphalus

- macclayi Bruck 36-35 Cal.

Chramesus Lec. 68-168 ^{61 63}

- (*Rhopalopleurus* Chap. 69-46) ⁶⁵
- hicoriæ Lec. 68-168 Can.-Ga.-Miss.
- icoriæ Lec. 76-375 ⁶³
- lecontei Chap. 69-46 ⁶³
- asperatus Schffr. 08-220 Ariz.
- subopacus Schffr. 08-221 Tex. Ariz.
- canus Blackm. 38-541 La.
- gibber Blackm. 38-541 N.Mex.
- chapolisil Lec. 76-375 Pa.-Fla.-Tx.-Kan.
- dentatus Schffr. 08-221 Ariz.
- mimosæ Blackm. 38-544 Tex. Mex.

Phthorophlæus ⁶²Tomicus ⁶²Dendroctonus ⁶²Phlæosinus ⁶¹

- piceæ Sw. 34-205 Que.
- granulatus Bruck 36-33 Cal.
- setosus Bruck 33-54 Cal.
- frontalis Bruck 33-55 Cal.
- swainei Bruck 33-56
- minutus || Sw. 17-9 ⁶⁴

Chaetophlæus ⁶²Xylechinus ⁶²Leperisinus ⁶²Dendrosinus ⁶²Sciurus ⁶²Hylastinus ⁶²Alniphagus ⁶²Hylurgopinus ⁶³Pseudohylesinus ⁶²

- serratus Bruck 36-37 Cal.

Hylurgops ⁶²Hylastes ⁶¹

- porculus Er. 36-49 E.N.A.
- granosus Chap. 69-73 ⁶⁵
- scaber Sw. 17-18 ⁶⁵
- swainei Egg. 34-25 E.Can. Minn.
- porculus of Sw. 18-78 ⁶⁵

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⁶¹ Revision of genus, Blackman—34.⁶² Rearrangement of genera in subfamily Hylesininae, Bruck—36.⁶³ Revision of genus, Blackman—38.⁶⁴ Bruck—33.⁶⁵ Egger—34.

Pseudothysanoes Blackm. 20-46 ⁴⁶

- * *hopkinsi* Blackm. 23-200 Cal.
partoni Bruck 36-32 Cal.
drakei Blackm. 20-48 N.Y.
rigidus Lec. 76-362 Can. Mich.
sulcatus Bruck 36-33 Cal.
phorodendri Blackm. 28-202 Tex. Ariz.
lecontei Blackm. 20-49 D.C.
sedulus Blackm. 28-204 Ariz.
gambetti Blackm. 28-205 Ariz. N.M.
barberi Blackm. 28-206 Ariz.

Cactopinus Sz. 99-11 ⁶³

- * *hubbardi* Sz. 99-11 Ariz.
pini Blackm. 33-153 Cal.
rhois Blackm. 33-154 Cal.
koebelei Blackm. 33-156 Cal.

Pterocyclus Eich. 63-276 ⁶¹

- obliquecaudatum* Schedl 35-351 Cal.

Hypothenemus

- citri* Ebeling 35-21 Cal.

⁶⁶ Revision of genus, Bruck—36.⁶⁷ Used as valid genus by Schedl—35.**Cryphalus**

- 18374, for Cal. read Ore.⁶⁸
 18375, for Cal. read Ore.⁶⁸

Gnathotrichus

- 22039, for Colo. read B.C. Wash.⁶⁹
 22040, for B.C. Wash. Ore. Cal. read [S.D. Colo.]

Ancyloderes Blackm. 38-205 ⁷⁰

- * *pilosus* Lec. 68-154 Cal.
pilosulus Lec. 68-166 ⁷¹ Ariz.
saltoni Blackm. 33-206

Ips

- montanus* Eichh. 81-219 ⁷² Cal. or Tex.

Xyleborinus

- tsugæ* Sw. 34-204 B.C.
librocedri Sw. 34-205 Ore.

⁶⁸ Chamberlin in litt.⁶⁹ H. B. Leech in litt.⁷⁰ To follow *Pseudopityophthorus*.⁷¹ Blackman—38.⁷² Eggers—34.

ADDITIONAL NECROLOGY

- Bethune, C. J. S., d. April 18, 1932.
Beutenmuller, W., d. February 24, 1934.
Bolster, P. G., d. May 22, 1932.
Carr, F. S. b. January 1, 1881; d. May 16, 1934.
Fenyés, A., b. November 17, 1863; d. February 22, 1937.
Field, G. H., d. June 12, 1937.
Handlirsch A., d. August 28, 1935.
Horn, W., d. July 10, 1939.
Johnson, C. W., d. July 19, 1932.
Kellogg, V. L., b. December 1, 1867; d. August 8, 1937.
Klages H. G., d. October 26, 1936.
Nevermann, F., d. July 3, 1938.
Psota, F. J., d. April 13, 1936.
Stickney, F. S., b. August 6, 1892; d. August 15 1936.
Tillyard R. J., d. January 13, 1937.
Urich, F. W., d. June 22, 1937.
Wheeler, W. M., d. April 19, 1937.
Wickham, H. F., b. October 26, 1866; d. November 17, 1933.
-

As this supplement goes to press we have word of the passing, on November 14th, 1939, of our most eminent worker on North American Coleoptera,

HENRY CLINTON FALL.

The publisher, his close friend for fifty years, and his many entomological and other friends feel their loss very deeply, and workers on Coleoptera all over the land will sadly miss his assistance and encouragement.

In spite of severe physical handicaps, patiently endured throughout his lifetime, Dr. Fall accomplished a vast amount of most valuable work on the taxonomy of North American beetles, describing some 1,400 new species—few of which were ever challenged as being synonyms—and his excellent monographic works on various families and genera of these insects are well known and in constant use.

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THIRD SUPPLEMENT TO
CATALOGUE OF NORTH AMERICAN COLEOPTERA
DESCRIBED AS FOSSILS

The few fossil beetles described as new in the years 1933 to 1938 inclusive are listed below. Names in brackets were invalid as published. One new abbreviation is used.

Ariz. Trias. Chinle Formation, Petrified Forest National Monument,
Holbrook, Arizona.

CARABIDÆ

Scaphinotus Dej.

minor Horn 76-243, belongs in subg. *Irichroa* ¹.

¹ Lapouge—32.

wheatleyi Horn 76-242, belongs in subg. *Scaphinotus* ¹.

Carabus Linn.

mæander Fisch., belongs in sub. *Eucarabus* ².

v.sangamon Wickh., belongs in subg. *Eucarabus* ².

² Breuning, 32-37.

Patrobus Dej. ³

³ Revision of genus, Darlington—38.

gelatus Scudd. 90-530 ³

decessus Scudd. 00-73 ³

frigidus Scudd. 00-74 ³

†stygius Chd. 71-46 ³

henshawi Wickh. 17-140

⁴ Coleman—33. as valid species.

Tor.⁴ Scar. Pleist.

Scar. Tor.⁴ Pleist.

Tor.⁴ Pleist.

Recent.

Ill. Pleist.

Elaphrus Fab.

irregularis Scudd.

Tor.⁴ Scar. Pleist.

Loricera Latr.

glacialis Scudd.

lutosa Scudd.

exita Scudd.

Tor.⁴ Scar. Pleist.

Tor.⁴ Scar. Pleist.

Tor.⁴ Scar. Pleist.

Bembidium Latr.

glaciatum Scudd.

vestigium Scudd.

vanum Scudd.

præteritum Scudd.

damnosum Scudd.

Tor.⁴ Scar. Pleist.

Tor.⁴ Scar. Pleist.

Tor.⁴ Scar. Pleist.

Tor.⁴ Scar. Pleist.

Tor.⁴ Scar. Pleist.

Pterostichus Bon.

abrogatus Scudd.

destitutus Scudd.

fractus Scudd.

destructus Scudd.

gelidus Scudd.

depletus Scudd.

Tor.⁴ Scar. Pleist.

Tor.⁴ Scar. Pleist.

Tor.⁴ Scar. Pleist.

Tor.⁴ Scar. Pleist.

Tor.⁴ Scar. Pleist.

Tor.⁴ Scar. Pleist.

Platynus Bon.

casus Scudd.

hindei Scudd.

halli Scudd.

dissipatus Scudd.

desuetus Scudd.

harttii Scudd.

delapidatus Scudd.

exterminatus Scudd.

interglacialis Scudd.

longævus Scudd.

Tor.⁴ Scar. Pleist.

Tor.⁴ Scar. Pleist.

Tor.⁴ Scar. Pleist.

Tor.⁴ Scar. Pleist.

Tor.⁴ Scar. Pleist.

Tor.⁴ Scar. Pleist.

Tor.⁴ Scar. Pleist.

Tor.⁴ Scar. Pleist.

Tor.⁴ Scar. Pleist.

Harpalus Latr.

conditus Scudd.

Tor.⁴ Scar. Pleist.

DYTISCIDÆ

Cœlambus Thoms.	
derelictus Scudd.	Tor. ⁴ Scar. Pleist.
disjectus Scudd.	Tor. ⁴ Scar. Pleist.
Hydroporus Clairv.	
inanimatus Scudd.	Tor. ⁴ Scar. Pleist.
sectus Scudd.	Tor. ⁴ Scar. Pleist.
Agabus Leach	
perditus Scudd.	Tor. ⁴ Scar. Pleist.

GYRINIDÆ

Protogyrininus Hatch	
confinis Lec.	Tor. Pleist. ⁴

HYDROPHILIDÆ

Cymbiodyta Bedel	
extincta Scudd.	Tor. ⁴ Scar. Pleist.

STAPHYLINIDÆ

Olophrum Er.	
celatum Scudd.	Tor. ⁴ Scar. Pleist.
arcanum Scudd.	Tor. ⁴ Scar. Pleist.
dejectum Scudd.	Tor. ⁴ Scar. Pleist.
Arpedium Er.	
stillicidii Scudd.	Tor. ⁴ Scar. Pleist.
Acidota Mannh.	
crenata Fabr.	
v.nigra Scudd.	Tor. ⁴ Scar. Pleist.
Geodromicus Redt.	
stiricidii Scudd.	Tor. ⁴ Scar. Pleist.
Bledius Mannh.	
glaciatus Scudd.	Tor. ⁴ Scar. Pleist.
Oxyporus Fabr.	
stiriacus Scudd.	Tor. ⁴ Scar. Pleist.
Lathrobium Grav.	
frustrum Scudd.	Tor. ⁴ Scar. Pleist.
inhibitum Scudd.	Tor. ⁴ Scar. Pleist.
debilitatum Scudd.	Tor. ⁴ Scar. Pleist.
interglaciale Scudd.	Tor. ⁴ Scar. Pleist.
Cryptobium Mannh.	
cinctum Scudd.	Tor. ⁴ Scar. Pleist.
detectum Scudd.	Tor. ⁴ Scar. Pleist.
Philonthus Curt.	
claudus Scudd.	Tor. ⁴ Scar. Pleist.
Quedlus Steph.	
deperditus Scudd.	Tor. ⁴ Scar. Pleist.

BUPRESTIDÆ

[*Paleobuprestis* Walker 38-138 ⁵][*maxima* Walker 37-138 ⁵

Ariz. Trias.]

[*minima* Walker 38-139 ⁵

Ariz. Trias.]

⁵ Walker—38; these names are invalid because they are not based upon specimens of insects but rather upon reputed evidence that the insects once existed.

CHRYSOMELIDÆ

Donacia Fab.*stiria* Scudd.*pompatica* Scudd.Tor.⁴ Scar. Pleist.Tor.⁴ Scar. Pleist.

SCOLYTIDÆ

[*Paleoscolytus* Walker 38-139 ⁵][*divergus* Walker 38-139 ⁵

Ariz. Trias.]

[*Paleoipidus* Walker 38-140 ⁵][*perforatus* Walker 38-140 ⁵

Ariz. Trias.]

[*marginatus* Walker 38-140 ⁵

Ariz. Trias.]

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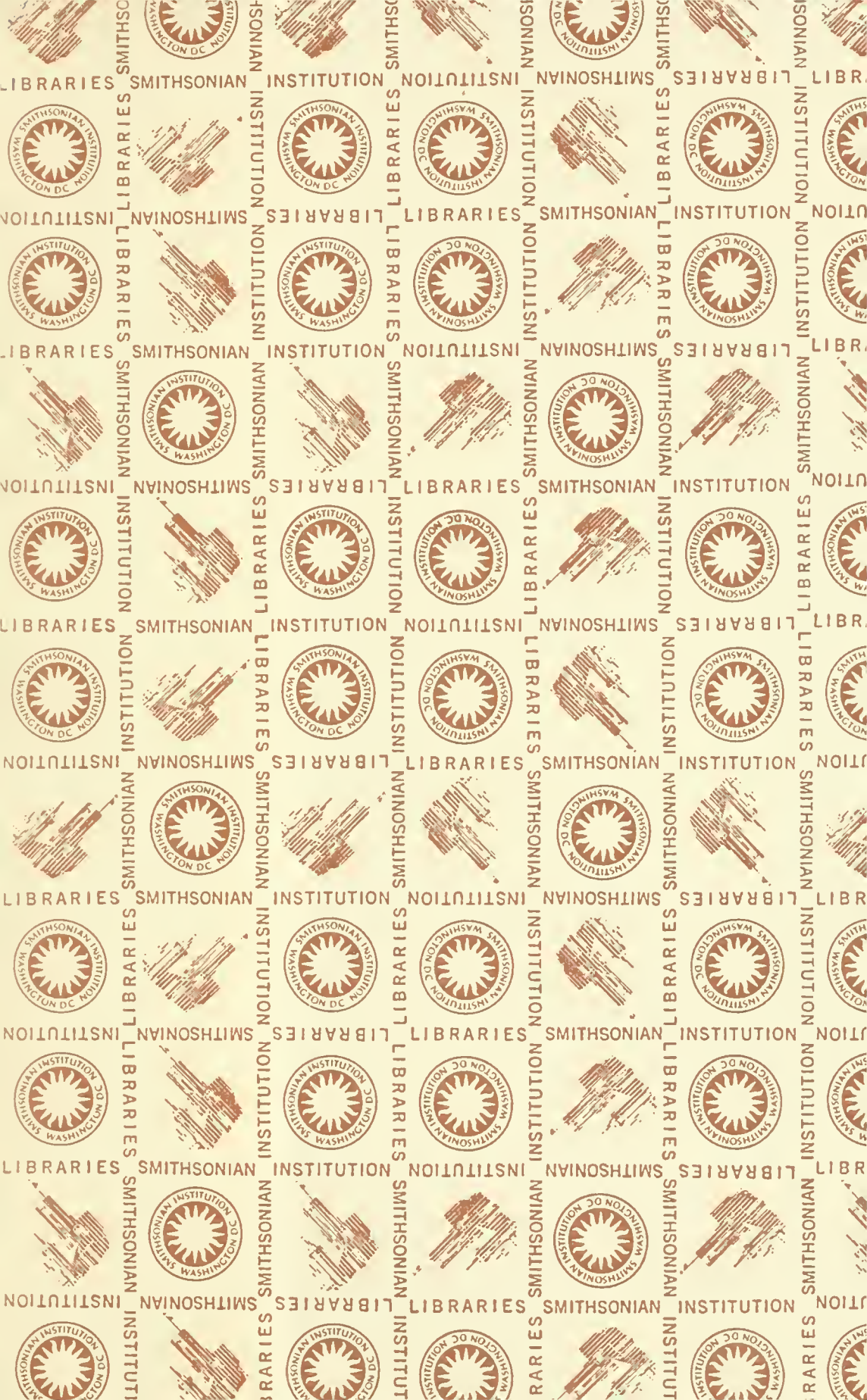
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